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**Sixteenth Biennial Report**

**OF THE**

**Bureau of Labor Statistics**

**OF THE**

**State of California**

**1913-1914**

**JOHN P. McLAUGHLIN, Commissioner**  
**948 Market Street, San Francisco**



**CALIFORNIA**  
**STATE PRINTING OFFICE**  
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## PERSONNEL.

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### SAN FRANCISCO:

JOHN KEAN.....Deputy Commissioner  
ALBERT T. ROCHE.....Attorney  
H. A. SCHEEL.....Statistician  
R. W. BUSH.....Acting Statistician  
C. B. SEXTON.....Assistant Statistician  
KATHERINE KELLY.....Chief Stenographer  
HARRY GORMAN.....Field Agent  
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J. A. KELLY.....Special Agent  
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MARY L. POWERS.....Stenographer  
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### LOS ANGELES:

JOHN J. TOBIN.....Deputy Commissioner  
HENRY H. LYON.....Assistant Deputy Commissioner  
KATHERINE P. EDSON.....Special Agent  
H. A. CABLE.....Special Agent  
E. H. HANCOCK.....Special Agent  
VERA S. FRAYNE.....Stenographer

### SACRAMENTO:

JOHN S. BLAIR.....Assistant Deputy Commissioner  
H. W. ZAGOREN.....Stenographer

### SAN DIEGO:

GEORGE F. GRAY.....Assistant Deputy Commissioner

## LETTER OF TRANSMITTAL.

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STATE BUREAU OF LABOR STATISTICS,

SAN FRANCISCO, December 1, 1914.

*His Excellency, HIRAM W. JOHNSON,*  
*Governor of California.*

SIR: I have the honor to submit the Sixteenth Biennial Report of the Bureau.

Respectfully,

JOHN P. McLAUGHLIN,  
Commissioner.





## ACKNOWLEDGMENT.

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I desire to express my appreciation to the employers who have co-operated with this Bureau, to the public officials who have assisted us in carrying out our work, and to my staff who have rendered efficient services.

JOHN P. McLAUGHLIN,  
Commissioner.



## INTRODUCTION.

The last two years have been the most eventful in the history of the bureau, both from a standpoint of growth and work accomplished. From a practically unknown institution—although established in 1883—this bureau has expanded until it now takes its place among the most important departments of the state government. Branch offices were opened in August, 1913, in Sacramento and in San Diego, in order to take care of the work which could not be satisfactorily handled from the San Francisco and Los Angeles offices.

Our staff has been continually augmented, to meet the demands of our increased duties, until at the present time the bureau employs twenty-eight persons.

The bureau has tried to make itself a department of service to the public. It has not limited its operations merely to the laws which it is directed to enforce, but has undertaken the enforcement of all laws dealing with the problem of labor. In the enforcement of the various labor laws, our policy has been, first, to educate the employers as to the laws relating to labor, by furnishing them with copies of the laws and drawing their attention to violations; and then to rigidly prosecute them when they failed to heed our warning and continued to violate the laws.

Our endeavor has been to make the laws passed by the legislature affecting labor and industry, realities. In carrying out our endeavors we have at times assumed burdens that taxed our department to the utmost.

We shall only draw attention to a few of these laws, the enforcement of which was voluntarily undertaken by the bureau. For example: the Eight Hour Law for Women, as originally passed, made no provision for its enforcement. It was practically doomed to remain a dead letter on our statute books. This bureau, however, undertook to see that the law was obeyed, and informed employers that it would take charge of the enforcement of the law and started a vigorous campaign, the effect of which was to fix in the minds of the employer the provisions of the law and the fact that it could not be violated with impunity.

We also undertook the enforcement of the Payment of Wage Law and Pay Check Law, and devoted a very large part of our time and appropriation in assisting the working men and working women of this state to collect the wages earned by them. The extent of this work will be explained hereafter.

The Camp Sanitation Law was threatened with becoming inoperative, owing to the fact that the State Board of Health, which was charge

with the enforcement of the act, did not have the men or money to make the inspections. This bureau requested the State Board of Health to deputize the agents of this department, and we immediately proceeded to put the law into operation by sending our agents into the various camps.

The bureau has made a study of the conditions in various industries, and has drafted bills seeking to remedy or correct certain conditions found therein. Among the bills drafted by this bureau and passed at the 1913 session of the legislature, are the Act licensing and bonding of private employment agencies, the Camp Sanitation Act, the Act relative to the payment of wages earned in seasonal employment, and the Registration of Factories Act.

In presenting this report, we have adopted a new policy. It is our intention to make special investigations of various industries instead of a general report on all industries; and to condense our information as much as possible in our biennial reports. We believe that information gathered often loses its value when two years elapse before its publication.

In Part I we have discussed briefly some of the more important functions and accomplishments of the bureau.

In Part II we have presented the results of investigations into two of the largest industries in California, namely: the lumber industry and the Portland cement industry.

Part III is devoted to statistics of manufactures and organized labor. The statistics of manufactures is a new department and, while not as complete as might be desired, we believe this can be made extremely valuable if the employers will cooperate with us in the future.

**Record of Complaints Filed With Bureau and Investigated During Three Fiscal Years  
Ending June 30, 1914.**

Nature of complaint	Total for period	Fiscal year 1913-14	Fiscal year 1912-13	Fiscal year 1911-12
Blowers .....	111	37	13	61
Child labor .....	431	173	108	150
Eight hour law for women.....	1,774	682	470	622
Eight hour law—public work.....	68	46	16	6
Eight hour law—underground work.....	16	14	2	-----
Employment agencies—license .....	124	31	72	21
Employment agencies—misrepresentation.....	1,868	923	479	466
Medical cabinet law.....	35	35	-----	-----
Non-payment of wages.....	12,802	7,330	3,573	1,899
Sanitation .....	256	135	59	62
Scaffolding, flooring, etc.....	133	94	25	14
Seats for females.....	22	12	9	1
Ten hour law for drug clerks.....	17	9	3	5
Weekly day of rest.....	129	22	78	29
General .....	128	78	50	-----
<b>Totals .....</b>	<b>17,914</b>	<b>9,621</b>	<b>4,957</b>	<b>3,336</b>

**Record of Prosecutions Conducted by Bureau During Three Fiscal Years Ending June 30, 1914.**

Nature of offense	Total for period	Fiscal year 1913-14	Fiscal year 1912-13	Fiscal year 1911-12
Blower law .....	4		1	3
Child labor law .....	81	21	28	32
Eight hour law for women .....	142	37	33	72
Eight hour law—public work .....	1		1	
Eight hour law—underground work .....	3	1	2	
Employment agency law—license .....	23	6	11	6
Employment agency law—misrepresentation .....	5		3	2
Misrepresentation as to strikes .....	4	1		3
Payment of wage law .....	77	47	18	12
Pay check law .....	6	2	1	3
Scaffolding, flooring, etc., laws .....	15	14	1	
Ten hour law for drug clerks .....	4		3	1
Union card, unlawful use of .....	1		1	
Vending at night law .....	44	1	13	30
Weekly day of rest law .....	11		2	9
<b>Totals .....</b>	<b>421</b>	<b>130</b>	<b>118</b>	<b>173</b>

**Disposition of Claims Filed for Nonpayment of Wages for Three Fiscal Years Ending June 30, 1914.**

	Claims filed	Claims collected	Amount of wages collected
Fiscal year ending June 30, 1914 .....	7,330	4,904	\$110,911 93
Fiscal year ending June 30, 1913 .....	3,573	2,213	36,450 69
Fiscal year ending June 30, 1912 .....	1,899	1,292	24,445 59
<b>Totals .....</b>	<b>12,802</b>	<b>8,409</b>	<b>\$171,808 21</b>

**Disposition of Claims Filed Against Employment Agencies for Three Fiscal Years Ending June 30, 1914.**

	Complaints filed	Fees and expenses ordered returned		New positions furnished	Dismissed
		Number	Amount		
Fiscal year ending June 30, 1914 .....	923	632	\$2,328 30	77	214
Fiscal year ending June 30, 1913 .....	479	364	1,384 45	47	68
Fiscal year ending June 30, 1912 .....	466	365	1,470 30	33	68
<b>Totals .....</b>	<b>1,868</b>	<b>*1,361</b>	<b>\$5,183 05</b>	<b>157</b>	<b>350</b>

\*In addition many hundreds of cases were settled over the phone in which no records were made.



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## PART I.

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## REVIEW.

### PAYMENT OF WAGES.

The question of the payment of wages is one that stands out with particular force at this time. The work undertaken by the Bureau of Labor Statistics during the past three years in handling this question, together with the decision of the Appellate Court declaring the wage law unconstitutional, and the taking of the law into their own hands by persons unable to obtain their wages, has focused the eye of the public on this problem.

The problem is fundamental. It strikes at the very root of our economic, social and political structure. The man or woman who has honestly toiled and can not obtain the wages earned, loses faith in humanity and the efficacy of our laws and courts; is often turned out a beggar, vagrant or criminal, or seeks redress by forcible means.

The legislature should enact laws fixing the time and manner of the payment of wages and provide a simple and expeditious method of collecting wages, and which, at the same time, will bear the test of constitutionality.

Nothing has better demonstrated the necessity for such legislation than the work of the Bureau of Labor Statistics during the past three years. In that period there were filed with the Bureau 12,802 complaints against employers for non-payment of wages. The Bureau succeeded in collecting 8,409 of the claims amounting to \$171,808.21. This was a stupendous task, as each complaint had to be investigated, the Bureau sitting in the capacity of a poor man's court, hearing both parties without formality or technical rules of evidence. A description of many of the cases would make a volume of interesting and instructive reading.

On November 23, 1914, the Appellate Court of the First Appellate District declared the wage law unconstitutional and the wage-earner now finds himself practically without recourse, except a slow, expensive civil suit. The Bureau's splendid work was cut short by this decision, and the collection agents again have a free field to prey upon the unfortunate wage-earner.

The number of wage claims filed with the Bureau has grown in leaps and bounds until during the last year they nearly swamped the office. The following figures show the increasing number of claims filed since the work was first undertaken in 1911:

Fiscal year 1912—1,899 claims	-----	\$24,445.59 collected.
Fiscal year 1913—3,573 claims	-----	36,450.69 collected.
Fiscal year 1914—7,330 claims	-----	110,911.93 collected.

These claims do not represent all the work the Bureau has done in the collection of wages. A great deal of assistance was rendered to wage-earners in recovering their wages in connection with bankruptcy proceedings and liens.

Laborers constitute the principal group among the male employees filing claims for non-payment of wages. During the fiscal year ending June 30, 1913, this class represented 22.2 per cent and during the fiscal year 1914, 26.6 per cent of the total number of persons filing claims.

Among the female employees, those engaged in house work are the largest group, being 20.7 per cent of the total for the fiscal year 1913 and 19.4 per cent for the fiscal year 1914.

The number of wage claims filed by actresses and performers was also very large, 110 claims having been filed during the fiscal year 1913 and 455 claims during the fiscal year 1914. (See Tables I and III.)

In the industries against which claims were filed, construction work and general contracting stand out most prominently. During the fiscal year 1913, 695 claims, or 19.4 per cent of the total, were filed against this industry, while during the fiscal year 1914, 1,475 claims, or 20.1 per cent of the total were filed.

Restaurants come next with 378 claims, or 10.6 per cent during the fiscal year 1913, and 696 claims, or 9.5 per cent during the fiscal year 1914.

Then follows private homes with 350 claims, or 9.8 per cent during the fiscal year 1913, and 596 claims, or 8.1 per cent during the fiscal year 1914. (See Tables II and IV.)

#### PAY CHECK LAW.

The pay check law was passed in 1911, at the same time as the payment of wages law. These two laws are closely related, but the pay check law fared better at the hands of the court than its companion law.

In the case of the *People vs. Pasadena Foundry Company*, tried in the Superior Court of Los Angeles County, Judge McCormick declared the law constitutional. No appeal was taken from this decision, and it has generally been conceded that the right to compel payment of wages in cash or negotiable paper is a valid exercise of police power. Our law provides that:

No person, firm or corporation engaged in any business or enterprise within this state, shall issue, in payment of or as an evidence of indebtedness for wages due an employee, any order, check, memorandum or other acknowledgment of indebtedness, unless the same is negotiable, and is payable upon demand without discount in cash at some bank or other established place of business in the state.

The law is at present almost universally observed. A few violations have come to our attention, but they have been corrected as soon as the employers are notified. Most of these violations were combined with

the question of non-payment of wages, and were adjusted. During the fiscal year 1913 we prosecuted only one case for a violation of this law, and during the fiscal year 1914 but two cases.

A peculiar phase has developed out of the enforcement of this law in respect to the issuance of coupons, principally by lumber companies. These coupons are issued between pay days, and the companies claim that it is only for the accommodation of their employees, being a credit extended to them before the wages are due and payable. This question has been submitted to the Attorney General, and we are awaiting his opinion.

### PAYMENT OF WAGES IN SEASONAL EMPLOYMENT.

This law, passed at the 1913 session of the legislature, grew out of investigations made by this bureau into the employment of labor shipped from San Francisco to work in the salmon canneries of Alaska. The report on the investigations of the Bureau is contained in the Fifteenth Biennial Report. The act was drafted by the Bureau, and provides as follows:

Section 2. Upon application of either the employer or the employee, the wages earned in seasonal labor, shall be paid in the presence of the commissioner of the bureau of labor statistics or an examiner appointed by him.

Section 3. The commissioner shall hear and decide all disputes arising from wages earned in seasonal labor and he shall allow or reject any deductions made from such wages; *provided, however*, that he shall reject all deductions made for gambling debts incurred by the employee during such employment and for liquor sold to the employee during such employment.

At the end of the canning season of 1913, the examiners of this bureau supervised the paying off of 1,382 men who had returned from Alaska. The total amount of the wages earned by these men was \$237,447. After allowing for all legitimate deductions, the men were paid a net average of over \$110 each. At the end of the 1914 season, we supervised the paying off of 1,528 men. The total amount of wages earned by these men was \$259,134, and after allowing deductions each man received a net average payment of over \$120.

It is interesting to compare these figures with those collected in the investigation made by this Bureau in 1912, when it was found that the net average wage paid to the men on their return to San Francisco from the salmon canneries was less than \$35.

This law has been a boon to the men employed at the canneries. They are a helpless class and the prey of every type of human shark. In the past two years during which the men have been paid off under the supervision of this office, they have at least received the wages due them after their season's work. This has a particular bearing on the problem of unemployment. In years gone by these men were cast adrift in the city after their return from Alaska, practically penniless.

Since the Bureau took charge, almost every man has received at least one hundred dollars upon his return to San Francisco.

The effectiveness of this law, however, is now lost, as the procedure for its enforcement rested upon the payment of wages law, which has been declared unconstitutional. There still remains, however, one thing to be done for these men, and that is to place them in the same category as seamen and to exempt their wages from attachment. We are satisfied that many of the attachments against the wages of these cannery hands are not for *bona fide* debts. During 1913 we had a great deal of trouble with the attachments levied while our examiners were paying off the men. Before paying for the season 1914, we notified most of the attorneys engaged in this practice that the Bureau would fight any attachment it had reason to believe was not for a *bona fide* debt. This had the effect of greatly reducing the number of attachments levied. As most of the men are ignorant, they pay the attachments and costs in order to get whatever money remains of their wages. They are unable to hire attorneys to fight their cases, and are usually in such absolute need that they are willing to make any sort of a sacrifice.

#### PRIVATE EMPLOYMENT AGENCIES.

Two years ago the Bureau drafted and succeeded in having passed one of the most drastic laws for the regulation of private employment agencies. The essential features of this act are that every agency is required to obtain a license from the Bureau of Labor Statistics, and furnish a bond. Records must be kept and receipts issued on forms prescribed by the Bureau. Where the employment lasts less than seven days, by virtue of discharge, the fee must be returned. This provision was inserted to put a stop to the practice of discharging men in order to divide fees between employers and the agents. The dividing of fees was also prohibited. If a job was misrepresented, the fees and expenses must be returned.

During the fiscal years 1914 there were filed 923 complaints against employment agencies. Each of these complaints was investigated, and in 632 cases fees and expenses to the amount of \$2,328.30 was ordered returned. During the fiscal year 1913 there were filed 479 complaints, and in 364 instances fees and expenses to the amount of \$1,384.45 were ordered returned to applicants. These figures, however, do not in any degree represent the total amount returned by agencies to applicants failing to obtain work. Most of the agencies tried to adjust the cases in order to avoid being cited before the Commissioner. The majority of cases in which complaints are filed in the bureau are ones which involve some dispute. The Bureau has required the agencies to keep a record of all fees and expenses returned by them, and during the six months from April 1st to September 30, 1914, the employment agencies

throughout the state returned \$25,263.33 in fees and \$568.80 in expenses to applicants who failed to secure employment. (See Tables V, VI, VII.)

The new act went into effect at the beginning of the license year, April 1, 1914, and the agencies were required to file with the Bureau a record of all the positions furnished and fees collected by them. Records of private employment agencies filed in the office of the Bureau during the first six months following the introduction of the new law, show that these agencies furnished 101,745 positions to men, and collected \$197,349.78, or an average of \$1.49 for each position. They also furnished 24,841 positions to women and collected \$66,889.71 in fees, or an average of \$2.69 for each position. This makes a total of 126,586 positions furnished and \$264,239.50 fees collected in a period of six months. (See Tables V, VI, VII.)

In Table VIII is presented a list of the licensed agencies in the State of California.

#### FREE EMPLOYMENT BUREAUS.

Many bills for the establishment of free employment bureaus by the state were introduced at the last session of the legislature, but none of them became laws. One bill was passed, but was not signed, owing to the fact that this Bureau did not deem the appropriation which it carried adequate to properly conduct the offices.

The recurrence of the unemployment problem has accentuated the need of the state assisting in the distribution of labor. After several investigations made by this Bureau on the subject of unemployment, we are of the opinion that the most definite and concrete work that the state can do in helping to solve the problem is the establishment of free employment offices. We have often stated that employment offices do not create jobs, but they do bring the man and the job closer together. With a proper system of employment bureaus, less time and money would be spent by labor in seeking employment. There could also be saved to labor a large part of the \$500,000 now paid yearly in fees to private employment agencies.

The most important factor in the solution of unemployment is to conserve as much as possible the earnings of the workers, in order that these earnings may be used to tide them over until employment is found. We do not hesitate to say that the Bureau has done more constructive work in this direction than has been done by any other governmental agency in any state. In collecting for wage-earners during the past three years wages amounting to over \$170,000; in supervising the payment of wages of men engaged in seasonal employment, securing for them their wages amounting to over \$500,000; and in regulating private employment agencies so that applicants who failed to secure positions were reimbursed for fees paid and expenses incurred, we have

done the things that, in our judgment, have relieved to a very marked degree the distress of unemployment, particularly in those cases where the workers were without funds.

In order to make free employment bureaus a real success, it will be necessary to further restrict, and eventually eliminate, private employment agencies, as was done in the State of Washington, by an initiative measure, which prohibited the collection of fees from workers for the securing of employment or furnishing information leading thereto.

We recommend that the state establish free employment bureaus in at least the following cities: San Francisco, Los Angeles, Oakland, Sacramento, San Diego and Fresno, and that the legislature appropriate an amount sufficient to insure the proper conduct of these offices.

### CHILD LABOR.

The child labor law was amended in 1913, along lines suggested by this Bureau. The legislature, however, failed to pass our bill regulating children employed in street trades. The principal changes in the law were the fixing of an eight hour day and forty-eight hour week for all minors under eighteen years of age, and the raising of the educational requirements to a completion of the grammar grades or attendance at night school.

The aim of this Bureau has been to secure for each child, if possible, a grammar school education. Under the amended law, children under sixteen years of age are permitted to work when provided with the following permits:

**Permit to Work—Temporary**, where the minor is between the ages of twelve of age and has completed the prescribed grammar school course and is physically fitted for the work contemplated.

**Permit to Work—Temporary**, where the minor is between the ages of twelve and fifteen years, and where the parents or guardians of the child are incapacitated through illness, or where the father has died or deserted and there are no other means of support. In such cases the permit is issued only for the time deemed necessary, and in no case for more than six months.

**Age and Schooling Certificates**, where the minor is between fifteen and sixteen years of age, and must have completed the prescribed grammar school course or attend night school.

**Vacation Permit**, where the minor is over twelve years of age, but for use only during the regular vacations of the public schools and the regular weekly school holidays.

The Bureau prepared and had printed the various forms of permits required under the new law, and distributed the same to the persons authorized to issue these permits. The law became effective on August 11, 1913, and up to the end of the school year, June 25, 1914, the following permits were issued in the state. (See Tables IX, X, XI.)

	Total	Male	Female
Age and schooling certificates.....	1,373	989	384
Permits to work—graduate.....	207	164	43
Permits to work—temporary.....	341	275	66

Of the total of 1,373 children to whom Age and Schooling Certificates were issued, 419 had graduated from the grammar grades, while 954 were obliged to attend night school. The record of nativity of these children shows that 562 were born in California, 547 were born in the rest of the United States, and 264 were foreign born. (See Table XII.)

Of a total of 207 children to whom Permits to Work—graduate—were issued, 86 were born in California, 104 in the rest of the United States and 17 in foreign countries. (See Table XIII.) Of a total of 341 children to whom Permits to Work—temporary—were issued, 166 were born in California, 132 in the rest of the United States and 43 in foreign countries. (See Table XIV.) Most of these permits were issued for a period of six months. (See Table XV.)

During the fiscal year 1914 there were filed in the bureau 173 complaints for violations of the child labor law, and during the same period 21 cases were prosecuted. During the fiscal year 1913 there were filed 108 complaints and 28 cases were prosecuted.

We believe we have the child labor problem well in hand, and that the majority of the employers are earnestly striving to live up to the law.

#### EIGHT HOUR LAW FOR WOMEN.

As already stated, the eight hour law for women, as originally passed, made no provision for its enforcement. This bureau assumed the responsibility and notified the employers that the law would have to be observed. In 1913 the law was amended and its enforcement placed in this department. The law was also amended to include public lodging houses, apartment houses and hospitals; exempting the graduate nurses in hospitals.

The constitutionality of the original act was attacked in what is generally known as the "Hotel case," but the law was sustained by the Supreme Court of the State of California, in *Ex parte Miller*, 162 Cal. 687. An appeal from this decision was taken to the Supreme Court of the United States, where it will be heard either in December, 1914, or January, 1915.

The amended act was attacked by the hospitals in a petition filed in the District Court of the United States for the Northern District of California, to restrain the Labor Commissioner from enforcing the law against the Merritt Hospital of Oakland. The petition was denied—*William B. Bosley et al. vs. John P. McLaughlin et al.*—and the case was appealed to the Supreme Court of the United States where it will be heard at the same time as the Miller case.

During the fiscal year 1914 there were filed 682 complaints for violation of the eight hour law for women, and 37 cases were prosecuted. During the fiscal year 1913 there were filed 473 complaints and 33 cases were prosecuted. Our records of complaints filed for



violation of this law show that hotels, apartment and lodging houses and restaurants were the principal offenders. (See Tables XVI, XVII.)

### HOSPITAL FEES.

The practice of collecting hospital fees from employees was practically universal up to about two years ago. Many companies collected fees from employees and gave nothing in return. In 1913 this Bureau drafted a bill forbidding any company from deducting hospital fees unless they maintained a hospital or made proper arrangements with a hospital for the care of their employees when sick or injured. It also provided for an accounting of the fees collected. The bill, however, failed to pass, but fortunately the "Workmen's Compensation Act" was passed. Although the latter law provided for medical care to injured employees, many companies still continued to collect hospital fees for illness other than that arising out of injuries sustained in the course of employment.

When the "Workmen's Compensation Act" went into effect, many companies attempted to apply a part of the hospital fees to the payment of compensation, but this was quickly discouraged by the Industrial Accident Commission. Of course, we are unable to tell whether or not this is still practiced, owing to the fact that there is absolutely no accounting of fees collected by these companies to any governmental bureau.

An investigation of the collection of hospital fees was made by this bureau in May, 1914, and we are satisfied that most of the evils connected with it have now been wiped out, particularly the practice of hiring men for one or two days and deducting hospital fees of one dollar from their wages for that period of time.

In our investigation we secured data from 201 of the largest companies engaged in various industries in the state. Of this number, 25 maintained regular or emergency hospitals, and 85 companies had arrangements with either hospitals or doctors. Eighty-nine companies collected hospital fees; 19 of them collected less than \$1 per month, 67 collected \$1 and 3 collected \$1.25. Payment of hospital fees was obligatory in 64 companies. In 6 companies no fees were collected when the work lasted less than five days, and in 7 companies when the work lasted less than ten days. In most instances the fee was prorated for fractions of a month.

While the Bureau does not seek to discourage men from setting aside a small portion of their earnings to take care of them during sickness other than that arising from accident in the course of their employment, we are of the opinion that there should be an accounting by companies of the moneys collected out of the wages of employees, and a proper

supervision to insure that the money so collected is spent for the purpose for which it was intended, particularly in view of the fact that our investigation showed that at the present time the hospital fees collected by companies from their employees in this state amounts to over \$600,000 a year.

The subject of "Hospital Fees" is also discussed in Part II in connection with the lumber and Portland cement industries.

### **CAMP SANITATION.**

As the result of some investigations made in 1912, this Bureau drafted a bill providing for the sanitation of camps. Under the original draft, the enforcement of the act devolved upon this Bureau, but it was amended in the legislature and the enforcement placed in the hands of the State Board of Health. The State Board of Health, however, was without funds or men to enforce the provisions of the law, so this Bureau, unwilling to see such an important piece of legislation made inoperative, notified the State Board of Health that our special agents would be used for the work. As soon as the law became effective on August 10, 1913, we sent our agents to begin the inspection in the lumber and construction camps.

One of the most important features of the act was the section providing that:

The bunks or beds shall be made of iron, canvas, or other sanitary material, and shall be so constructed as to afford reasonable comfort to the persons occupying such bunks or beds.

This Bureau maintained that wooden bunks were not sanitary and did not afford reasonable comfort, and insisted that steel or other sanitary bunks be used. As a result of our inspection, over 7,000 steel bunks have been installed, taking the places of the old vermin infested wooden bunks.

After the Bureau had set the law into operation, the Immigration and Housing Commission requested that they be permitted to take up the work in connection with their housing investigations. The request was acceded to by this Bureau.

The results of our pioneer investigations into camp sanitation are to be found in Part II, in connection with the report on lumber and Portland cement industries.

### **COMPLAINTS.**

The Bureau has kept a systematic record of all complaints filed. Each complaint contains a statement of the alleged offense. An investigation is made in each complaint filed, and the results of this investigation recorded.

During the fiscal year 1914, complaints of various kinds to a total of 9,621 were filed, as against 4,957 complaints during the fiscal year 1913.

It is rather difficult to present the enormous amount of work entailed in investigating close to 10,000 complaints in one year. (See Tables XVIII, XIX.)

### PROSECUTIONS.

As stated in our introductory remarks, the policy of the Bureau has been first to warn and then prosecute persons violating the law. It has not been our desire to prosecute merely for the purpose of making a record. Prosecutions were only resorted to when the violations were flagrant and we were obliged to maintain the effectiveness of the law.

During the fiscal year 1914, the Bureau conducted 130 prosecutions, securing 70 convictions; while during the fiscal year 1913 the prosecutions totaled 118 and the convictions 66. In most of the cases where the action was dismissed by the court, it was done at the request of the Bureau, especially in cases of non-payment of wages when the wages were paid to the complainant. (See Table XX.)

TABLE No. 1.—Wage Claims Investigated During Fiscal Year Ending June 30, 1913.  
(Showing occupation and sex of complainants.)

Occupation and sex	Total for state	San Francisco office	Los Angeles office
<b>Males:</b>			
Actors and performers.....	71	58	13
Automobile mechanics and chauffeurs.....	45	26	19
Bakers.....	35	16	19
Barbers.....	12	9	3
Bartenders.....	23	22	1
Blacksmiths.....	15	8	7
Butchers.....	8	3	5
Cannery hands.....	16	16	
Carpenters.....	130	78	52
Clerical help.....	76	51	25
Cooks.....	119	95	24
Electricians.....	20	11	9
Engineers.....	15	8	7
Errand boys and messengers.....	55	29	26
Foremen.....	23	14	9
Foundry helpers.....	4	3	1
Gardeners.....	17	4	13
General help.....	58	28	30
Hotel help.....	36	27	9
Kitchen help.....	138	71	67
Laborers.....	574	262	312
Laundry workers.....	7	5	2
Machinists.....	34	27	7
Mechanics.....	133	55	78
Metal workers.....	12	10	2
Milkers and dairymen.....	13	7	6
Miners.....	93	76	17
Moving picture machine operators.....	3	3	
Oil well drillers.....	11	5	6
Painters.....	110	54	56
Plasterers.....	12	3	9
Plumbers.....	11	8	3
Porters and janitors.....	112	85	27
Printers.....	21	14	7
Ranch hands.....	72	26	46
Salesmen and agents.....	70	49	21
Stablemen.....	24	15	9
Stevedores.....	7	7	
Stoneworkers.....	33	8	25
Tailors.....	50	31	19
Teamsters.....	183	62	121
Walters.....	102	62	40
Watchmen.....	21	18	3
Unclassified.....	215	121	94
<b>Totals.....</b>	<b>2,839</b>	<b>1,590</b>	<b>1,249</b>



**TABLE No. 1.—Wage Claims Investigated During Fiscal Year Ending June 30, 1913.**  
(Showing occupation and sex of complainants)—Continued.

Occupation and sex	Total for state	San Francisco office	Los Angeles office
<b>Females:</b>			
Actresses and performers.....	110	88	22
Chambermaids .....	28	28	
Clerical help .....	24	10	14
Cooks and kitchen help.....	37	16	21
Factory hands .....	3	2	1
Housekeepers .....	22	15	7
Housework, general .....	159	78	81
Laundry workers .....	13	6	7
Maids .....	29	10	19
Nurses .....	53	25	28
Saleswomen .....	20	12	8
Seamstresses .....	63	42	21
Stenographers .....	51	40	11
Waitresses .....	88	52	36
Unclassified .....	34	24	10
<b>Totals .....</b>	<b>734</b>	<b>448</b>	<b>286</b>
<b>Recapitulation:</b>			
Males .....	2,839	1,590	1,249
Females .....	734	448	286
<b>Totals .....</b>	<b>3,573</b>	<b>2,038</b>	<b>1,535</b>

**TABLE No. II.—Wage Claims Investigated During Fiscal Year Ending June 30, 1913.  
(Showing industries against which claims were filed.)**

Industries	Total for state	San Francisco office	Los Angeles office
Agents, manufacturers .....	13	4	9
Bakeries .....	44	19	25
Barber shops .....	26	17	9
Blacksmith shops .....	15	7	8
Building material .....	38	9	29
Butcher shops and markets .....	23	16	7
Candy and confectionery .....	23	17	6
Cigar and cigarette factories .....	9	7	2
Circuses and menageries .....	29	11	18
Cleaning and dyeing .....	17	1	16
Clubs, societies, etc. ....	45	33	12
Construction work and general contracting .....	695	301	394
Dairies and creameries .....	32	13	19
Dressmaking, etc. ....	21	12	9
Furniture and cabinet work, etc. ....	20	8	12
Garages and repair shops .....	48	31	17
Hospitals .....	28	14	14
Hotels, apartment and boarding houses .....	288	195	93
Laundries .....	26	12	14
Light, heat and power companies .....	41	29	12
Liquor dealers .....	44	41	3
Lumber and milling .....	32	21	11
Manufacturers, general .....	47	33	14
Metal working and foundries .....	44	27	17
Offices .....	49	24	25
Oil, mining and dredging .....	127	95	32
Packing houses and canneries .....	15	14	1
Plumbing and pipe fitting .....	14	7	7
Printing and publishing .....	47	33	14
Private places .....	350	160	190
Promoters and brokers .....	21	8	13
Quarrying .....	6	4	2
Railroads and stages .....	27	18	9
Ranching .....	83	36	47
Real estate .....	99	39	60
Restaurants .....	378	246	132
Shipping .....	12	11	1
Stores, department .....	3	3	-----
Stores, grocery .....	25	15	10
Stores, other retail .....	100	61	39
Tailoring .....	78	57	21
Teaming, livery and storage .....	106	59	47
Telegraph and messenger service .....	13	10	3
Theatrical .....	238	145	93
Unclassified .....	134	115	19
<b>Totals .....</b>	<b>3,573</b>	<b>2,038</b>	<b>1,535</b>

**TABLE No. III.—Wage Claims Investigated During Fiscal Year Ending June 30, 1914.**  
(Showing occupation and sex of complainants.)

Occupation and sex	Total for state	San Francisco office	Los Angeles office	Sacra- mento office	San Diego office
<b>Males:</b>					
Actors and performers.....	195	129	55	3	8
Automobile mechanics and chauffeurs..	126	34	79	4	9
Bakers .....	51	24	11	15	1
Barbers .....	18	8	9	1	—
Bartenders .....	32	28	1	3	—
Blacksmiths .....	27	17	3	7	—
Butchers .....	9	2	7	—	—
Carpenters .....	363	145	169	25	24
Clerical help .....	134	69	47	15	3
Cooks .....	240	124	71	38	7
Electricians .....	30	7	17	3	3
Engineers .....	71	29	33	8	1
Errand boys and messengers.....	74	43	24	5	2
Foremen .....	47	21	16	6	1
Foundry helpers .....	23	5	5	13	—
Gardeners .....	39	13	23	1	2
General help .....	93	62	13	16	2
Hotel help .....	25	20	5	—	—
Kitchen help .....	145	57	61	22	5
Laborers .....	1,602	437	841	233	91
Laundry workers .....	35	33	1	1	—
Machinists .....	122	63	12	45	2
Mechanics .....	228	111	72	25	20
Metal workers .....	30	17	9	—	4
Milkers and dairymen.....	24	13	3	3	5
Miners .....	291	173	26	89	3
Moving picture machine operators.....	12	3	9	—	—
Oil well drillers.....	39	20	16	3	—
Painters .....	198	65	122	7	4
Plasterers .....	46	12	29	—	5
Plumbers .....	33	11	21	—	1
Porters and janitors .....	137	92	36	4	5
Printers .....	41	21	16	—	4
Ranch hands .....	208	63	67	51	27
Salesmen and agents .....	148	66	66	13	3
Stablemen .....	35	27	3	5	—
Stevedores .....	41	39	—	1	1
Stone workers .....	50	17	14	8	11
Tailors .....	62	37	23	—	2
Teamsters .....	253	78	133	26	16
Waiters .....	280	175	62	25	18
Watchmen .....	38	23	10	3	2
Unclassified .....	325	141	133	31	20
<b>Totals .....</b>	<b>6,024</b>	<b>2,581</b>	<b>2,373</b>	<b>758</b>	<b>312</b>

**TABLE No. III. Wage Claims Investigated During Fiscal Year Ending June 30, 1914.**  
(Showing occupation and sex of complainants)—Continued.

Occupation and sex	Total for state	San Francisco office	Los Angeles office	Sacra- mento office	San Diego office
<b>Females:</b>					
Actresses and performers .....	155	86	43	1	25
Chambermaids .....	24	7	14		3
Clerical help .....	57	22	31	3	1
Cooks and kitchen help .....	76	34	28	10	4
Housekeepers .....	48	41		1	6
Housework, general .....	253	132	98	11	12
Laundry workers .....	54	44	6	1	3
Maids .....	82	34	47	1	
Nurses .....	153	70	52	24	7
Saleswomen .....	41	27	4	7	3
Seamstresses .....	78	42	33		3
Stenographers .....	117	62	47	6	2
Waitresses .....	125	63	48	11	3
Unclassified .....	43	20	20	3	
<b>Totals .....</b>	<b>1,306</b>	<b>684</b>	<b>470</b>	<b>79</b>	<b>72</b>
<b>Recapitulation:</b>					
<b>Males .....</b>	<b>6,024</b>	<b>2,581</b>	<b>2,373</b>	<b>758</b>	<b>312</b>
<b>Females .....</b>	<b>1,306</b>	<b>684</b>	<b>471</b>	<b>79</b>	<b>72</b>
<b>Totals .....</b>	<b>7,330</b>	<b>3,265</b>	<b>2,844</b>	<b>837</b>	<b>384</b>



TABLE No. IV. Wage Claims Investigated During Fiscal Year Ending June 30, 1914.  
(Showing industries against which claims were filed.)

Industries	Total for state	San Francisco office	Los Angeles office	Sacra- mento office	San Diego office
Agents, manufacturers .....	59	24	35		
Bakeries .....	86	39	27	18	2
Barber shops .....	40	15	21	4	
Blacksmith shops .....	24	14	5	4	1
Building material .....	61	18	38	5	
Butcher shops and markets .....	20	14	6		
Candy and confectionery .....	40	22	16	1	1
Cigar and cigarette factories .....	17	7	8	2	
Circuses and menageries .....	91	63	26	2	
Cleaning and dyeing .....	35	12	21		2
Clubs, societies, etc. ....	71	21	39	8	3
Construction work and general con- tracting .....	1,475	373	875	129	96
Dairies and creameries .....	89	21	35	9	24
Dressmaking, etc. ....	41	23	15	1	2
Furniture and cabinet making, etc. ....	32	18	13	1	
Garages and repair shops .....	153	67	62	14	10
Hospitals .....	64	16	36	8	4
Hotels, apartment and boarding houses ..	457	256	159	33	9
Laundries .....	103	79	17	2	5
Light, heat and power companies .....	32	20	8	3	1
Liquor dealers .....	84	64	14	6	
Lumber and milling .....	50	32	6	12	
Manufacturers, general .....	91	33	58		
Metal working and foundries .....	144	49	37	56	2
Offices .....	76	39	32	3	2
Oil, mining and dredging .....	491	328	54	101	8
Packing houses and canneries .....	20	17		3	
Plumbing and pipe fitting .....	24	9	14	1	
Printing and publishing .....	100	64	24	8	4
Private places .....	596	295	236	34	31
Promoters and brokers .....	49	23	16	2	8
Quarrying .....	79	76		1	2
Railroads and stages .....	110	31	19	60	
Ranching .....	374	83	103	149	39
Real estate .....	203	66	113	15	7
Restaurants .....	696	363	204	82	47
Shipping .....	49	45	1	3	
Stores, department .....	18	9	9		
Stores, grocery .....	35	13	17	5	
Stores, other retail .....	189	66	104	8	11
Tailoring .....	93	54	34	1	4
Teaming, livery and storage .....	151	64	78	7	2
Telegraph and messenger service .....	28	12	13	2	1
Theatrical .....	371	171	143	13	44
Unclassified .....	219	135	53	21	10
Totals .....	7,330	3,265	2,844	837	384

TABLE No. V. Employment Agencies of the State. Record for six months ending September 30, 1914.  
(Showing positions furnished, fees charged, refunds made, etc., by locality and class of agency.)

Class of agency (By location)	Positions furnished men			Positions furnished women			Total positions furnished		Refunds made	
	Number	Fees charged	Average fee	Number	Fees charged	Average fee	Number	Fees charged	Fees	Expenses
San Francisco—										
Commercial—	363	\$5,278 17	\$14 54	590	\$5,585 70	\$9 47	953	\$10,863 87	\$491 70	-----
Female	16	59 10	3 69	1,201	3,408 45	2 83	1,217	3,462 55	77 10	-----
General	27,668	48,111 38	1 74	1,589	4,194 35	2 64	29,257	52,305 73	3,805 35	\$144 70
Hotel	3,298	11,405 55	3 46	1,906	4,949 30	2 28	5,204	15,734 85	497 50	67 90
Oriental†	3,224	7,956 26	2 47	33	71 75	2 17	3,257	8,028 01	60 80	4 00
Teachers	34	2,019 35	59 39	43	2,050 82	47 69	77	4,070 17	-----	-----
Theatrical*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Totals	34,603	\$74,829 81	\$2 16	5,362	\$19,655 37	\$3 67	39,965	\$94,485 18	\$4,932 45	\$216 60
Los Angeles—										
Commercial—	571	\$7,618 57	\$13 34	575	\$4,743 28	\$8 25	1,146	\$12,361 85	\$14 85	-----
Female	126	253 50	2 01	4,457	6,402 23	1 44	4,583	6,655 73	1,708 85	\$6 10
General	23,603	39,835 27	1 69	3,395	4,519 90	1 33	26,998	44,355 17	10,086 70	232 75
Hotel	4,392	8,327 67	1 90	3,003	5,797 40	1 93	7,396	14,125 07	4,420 95	7 25
Nurses	78	78 00	1 00	914	872 00	95	992	950 00	-----	-----
Oriental†	2,006	3,306 30	1 65	25	44 60	1 78	2,031	3,350 90	132 55	-----
Teachers	107	6,094 17	56 95	177	7,091 15	40 06	284	13,185 32	6 18	-----
Theatrical*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Totals	30,883	\$65,513 48	\$2 12	12,546	\$29,470 55	\$2 35	43,429	\$94,964 04	\$16,380 06	\$246 10
Oakland—										
Female	64	\$118 50	\$1 85	3,120	\$5,081 40	\$1 63	3,184	\$5,199 90	\$1,859 10	\$0 45
General	1,024	1,807 25	1 76	135	242 40	1 80	1,159	2,049 65	79 00	30
Oriental†	344	751 90	2 19	15	38 15	2 54	359	790 05	-----	-----
Totals	1,432	\$2,677 65	\$1 87	3,270	\$5,361 95	\$1 64	4,702	\$8,089 60	\$1,938 10	\$0 75
Alameda—										
Oriental†	328	\$33 55	\$0 10	6	\$4 60	\$0 77	334	\$38 15	-----	-----

\*Figures are not given for theatrical agencies as the fees are based on duration of engagement, which is often indefinite.  
†Returns from Oriental agencies are in most cases quite incomplete.

TABLE No. V. Employment Agencies of the State. Record for six months ending September 30, 1914—Continued.  
(Showing positions furnished, fees charged, refunds made, etc., by locality and class of agency.)

Class of agency (By location)	Positions furnished men			Positions furnished women			Total positions furnished		Refunds made	
	Number	Fees charged	Average fee	Number	Fees charged	Average fee	Number	Fees charged	Fees	Expenses
Berkeley—										
Female				222	\$192 38	\$0 87	222	\$192 38		
Teachers	84	\$5,015 05	\$59 70	154	7,087 20	45 70	238	12,052 25	\$34 15	
Totals	84	\$5,015 05	\$59 70	376	\$7,229 58	\$19 23	460	\$12,244 63	\$34 15	
Fresno—										
Commercial	2	\$35 00	\$17 50	3	\$5 00	\$1 67	5	\$40 00		
General	2,736	3,098 30	1 12	148	173 75	1 17	2,884	3,242 05	\$190 25	\$22 20
Oriental										
Totals	2,738	\$3,103 30	\$1 13	151	\$178 75	\$1 18	2,889	\$3,282 05	\$190 25	\$22 20
Pasadena—										
Female	9	\$16 40	\$1 82	272	\$685 30	\$2 52	281	\$701 70	\$38 50	
Nurses				67	126 50	1 89	67	126 50		
Oriental	235	175 70	59				235	175 70	1 90	
Totals	304	\$192 10	\$0 63	339	\$811 80	\$2 39	643	\$1,003 90	\$40 40	
Sacramento—										
Female	6	\$10 50	\$1 75	161	\$213 30	\$1 32	167	\$223 80	\$15 30	
General	10,812	15,312 75	1 42	61	90 25	1 44	10,873	15,403 00	862 65	\$31 75
Oriental	355	1,152 10	3 25	4	8 50	2 13	359	1,160 60	22 75	10 00
Totals	11,173	\$16,475 35	\$1 48	226	\$312 05	\$1 38	11,399	\$16,787 40	\$900 70	\$41 75
San Diego—										
Female	3	\$8 00	\$2 67	885	\$1,535 37	\$1 73	888	\$1,543 37	\$58 75	
General	2,683	6,327 75	2 36	224	343 25	1 53	2,907	6,671 00	135 00	\$3 50
Totals	2,686	\$6,335 75	\$2 36	1,109	\$1,878 62	\$1 69	3,795	\$8,214 37	\$193 75	\$3 50
San Jose—										
General	1,466	\$1,682 95	\$1 15	164	\$299 20	\$1 82	1,630	\$1,982 15	\$17 30	

Stockton—	6,506	\$10,059 17	\$1 55	226	\$294 08	\$1 30	6,732	\$10,353 25	\$229 35	\$1 30
General										
Oriental†										
Totals	6,506	\$10,059 17	\$1 55	226	\$294 08	\$1 30	6,732	\$10,353 25	\$229 35	\$1 30
All other towns—										
Female	28	\$17 05	\$0 61	270	\$506 90	\$1 88	298	\$525 95		
General	7,984	10,913 80	1 37	795	883 25	1 11	8,783	11,797 05	\$406 80	\$36 60
Oriental†	1,526	500 78	33	1	1 00	1 00	1,527	501 78		
Totals	9,542	\$11,431 63	\$1 20	1,066	\$1,393 15	\$1 31	10,606	\$12,824 78	\$406 80	\$36 60

\*Figures are not given for theatrical agencies as the fees are based on duration of engagement, which is often indefinite.

+Returns from Oriental agencies are in most cases quite incomplete.

TABLE No. VI. Summary of Employment Agencies of the State. Record for six months ending September 30, 1914, by cities.

City	Num- ber of agencies	Positions furnished men			Positions furnished women			Total positions furnished			Refunds made	
		Number	Fees charged	Average fee	Number	Fees charged	Average fee	Number	Fees charged		Fees	Expenses
San Francisco	65	34,603	\$74,829 81	\$2 16	5,362	\$19,655 37	\$3 67	39,965	\$94,485 18		\$4,932 45	\$216 60
Los Angeles	67	30,883	65,513 48	2 12	12,546	29,470 56	2 35	43,429	94,954 04		16,380 08	246 10
Oakland	12	1,432	2,677 65	1 87	3,270	5,361 95	1 64	4,702	8,039 60		1,988 10	75
Totals	144	66,918	\$143,020 94	\$2 14	21,178	\$54,487 88	\$2 57	88,096	\$197,508 82		\$23,250 63	\$463 45
Alameda	2	328	\$33 55	\$0 10	6	\$4 60	\$0 77	334	\$38 15			
Berkeley	3	84	5,015 05	59 70	376	7,229 58	19 23	460	12,244 63		\$34 15	
Fresno	8	2,738	3,103 30	1 13	151	178 75	1 18	2,889	3,282 05		190 25	\$22 20
Pasadena	6	304	192 10	63	339	811 80	2 39	643	1,003 90		40 40	
Sacramento	16	11,173	16,475 35	1 48	226	312 05	1 38	11,399	16,787 40		900 70	41 75
San Diego	12	2,686	6,335 75	2 36	1,109	1,878 62	1 69	3,795	8,214 37		193 75	3 50
San Jose	3	1,466	1,682 95	1 15	164	299 20	1 82	1,630	1,982 15		17 80	
Stockton	7	6,506	10,059 17	1 55	226	294 08	1 30	6,732	10,353 25		229 35	1 30
Totals	57	25,285	\$42,897 22	\$1 70	2,597	\$11,008 68	\$4 24	27,882	\$53,905 90		\$1,605 90	\$68 75
All other towns	53	9,542	\$11,431 63	\$1 20	1,066	\$1,393 15	\$1 31	10,608	\$12,824 78		\$406 80	\$36 60
Grand totals	254	101,745	\$197,349 79	\$1 94	24,841	\$66,889 71	\$2 69	126,586	\$264,239 50		\$25,263 33	\$508 80

TABLE No. VII. Summary of Employment Agencies of the State. Record for six months ending September 30, 1914, by class of agency.

Class of agency	Num- ber of agencies	Positions furnished men			Positions furnished women			Total positions furnished			Refunds made	
		Number	Fees charged	Average fee	Number	Fees charged	Average fee	Number	Fees charged		Fees	Expenses
Commercial	20	936	\$12,931 74	\$13 82	1,168	\$10,333 96	\$8 85	2,104	\$23,265 72		\$506 55	
Female	27	252	483 05	1 92	10,588	18,022 33	1 70	10,840	18,505 38		3,757 60	\$6 55
General	115	84,486	137,118 62	1 62	6,737	11,040 43	1 64	91,223	148,159 07		15,822 40	473 10
Hotel	12	7,690	19,733 22	2 57	4,809	10,146 70	2 08	12,599	29,879 92		4,918 45	75 15
Nurses	6	78	78 00	1 00	961	968 50	1 02	1,059	1,076 50			
Oriental†	55	8,078	13,876 59	1 72	84	168 60	2 01	8,162	14,045 19		218 00	14 00
Teachers	6	225	13,128 57	58 85	374	16,179 17	43 26	599	29,307 74		40 33	
Theatrical*	13											
Totals	254	101,745	\$197,349 79	\$1 94	24,841	\$66,889 71	\$2 69	126,586	\$264,239 50		\$25,263 33	\$568 80

\*Figures are not given for theatrical agencies as the fees are based on duration of engagement, which is often indefinite.

†Returns from Oriental agencies are in most cases quite incomplete.

**TABLE No. VIII. Employment Agencies of the State. List of Agencies Granted State Licenses Since April 1, 1914.**

**AGENCIES IN CITIES OF FIRST, FIRST AND ONE HALF AND SECOND CLASSES.**

**SAN FRANCISCO.**

License No.

- 36. Andre Employment Agency.
- 185. Berlin-Walsh Co., Inc.
- 130. Blake and Amber Amusement Agency.
- 56. Boynton-Esterly Teachers' Agency.
- 35. Business Men's Registrar.
- 7. California Hotels Employment Agency.
- 72. Clerical Reference Association.
- 44. Commercial Expert Company.
- 47. Cosmopolitan Employment Agency.
- 248. Dalley, Wm. R.
- 6. Day, Mrs. M. E.
- 46. Dillon, Josephine B.
- 190. Dixon-Fogarty Employment Agency.
- 10. Downing, Emit.
- 1. Duperu & Company.
- 206. Empire Employment Agency.
- 261. Entertainer's Exchange.
- 42. Ewer & Company, W. D.
- 191. Exposition Employment Bureau.
- 48. Gibbs & Company, Inc.
- 31. Henry's Theatrical Exchange.
- 167. International Employment Agency.
- 115. Keeler Hotel Employment Bureau.
- 199. Kennedy & Drechsler, Inc.
- 158. Knight's Employment Agency.
- 136. Lagarde, Nydia.
- 37. Lambert, Mrs. Marguerite.
- 30. Levey Circuit, Bert.
- 223. Loew Western Booking Agency, Marcus.
- 71. Louise, Madam.
- 13. Marchand's Employment Bureau.
- 219. McCarthy, Mrs. M. T.
- 9. McClellan & Woodward.
- 165. Midgley's Hotel Managers' Exchange.
- 2 and 3. Murray & Ready (two agencies).
- 129. Norton Employment Agency.
- 70. Oleott, R. H.
- 225. Owl Employment Agency.
- 8. Pacific Audit and System Company.
- 153. Pacific Booking Agency.
- 227. Pacific Teachers' Agency and Pacific Service Company.
- 192. Phillips Employment Agency.
- 45. Plunkett, Kate.
- 183. Reliable Employment Agency.
- 67. Rockhurst Center Investigated Service Bureau.
- \*193. San Francisco Employment Labor Bureau.
- 247. San Francisco Hotelmen's Association.
- 184. Sullivan's Employment Agency.
- 240. Treacy's Employment Agency.
- 221. United Employment Agency.
- 38. Weaver, J. C.
- 156. Western Hotel Reporter.
- 73. Western Labor Bureau.
- 210. Western States Vaudeville Association.

**Oriental.**

- 14. Grant Employment Agency.
- 154. Hatsumi Employment Agency, Oscar.
- 18. Hori & Company.
- 201. Kinney Chinese Employment Bureau.
- 12. Knoph, A. N.
- 74. Minamide Chinese Employment Office, K.
- 155. New Grant Employment Agency.
- 66. Oriental Employment Agency.
- 76. Shiozaki Japan-American Employment Agency, H. J.
- 118. Star Employment Office.
- 11. Tamura Japanese and Chinese Employment Office, T.

tired from business.

**TABLE No. VIII. Employment Agencies of the State. List of Agencies Granted State Licenses Since April 1, 1914—Continued.**

**LOS ANGELES.**

License No.

- 245. American Business Men's Association.
- \*22. Anderson's Employment Agency.
- 124. Baxter Employment Agency, The.
- 112. Big Four Employment Agency.
- 94. Boynton-Esterly Teachers' Agency.
- 125. Broadway Employment Agency.
- 251. California Audit and Adjustment Company.
- 113. California Commercial Service Company.
- 19. California Hospital Nurses' Directory, Inc.
- 162. California Teachers' Bureau.
- 100. Coleman's Employment Office, J. W.
- 256. Company of Public Stenographers.
- 106. Dady Amusement Circuit, C. Bassells.
- 21. Dygert, Mrs. M. A.
- 161. Educational Business Company.
- 105. Educational Expert Company
- 111. Fidelity Theatrical Exchange.
- 15. Fisk Teachers' Agency.
- 104. Harkness & Hunter Employment Agency.
- 23. Hawley Employment Agency.
- 103. Henderson Employment Agency.
- 77. Hummel Brothers & Company.
- 242. Independent Theatrical Exchange.
- 222. International Employment Agency.
- 258. James, W. A. L.
- 252. Levey Vaudeville Circuit, Bert.
- 174. Lyons & Beavis.
- 25. Martin & Shaw.
- 160. Middleton's Nurses' Directory.
- 196. Motor Service Bureau, The.
- 4 and 5. Murray & Ready (two agencies).
- 116. Nurses' Central Registry.
- 126. Pacific Audit and System Company, Inc.
- 120. Pacific Automatic Employment Company, The.
- 119. Pacific Coast Hotel and Apartment Record.
- 97. Pacific Employment Agency.
- 175. Pacific Service Company.
- 90. Parks Vaudeville and Booking Exchange.
- 96. Patten's Employment Office, Mrs.
- 143. Plaza Employment Agency.
- 95. Progressive Household Club.
- 79. Red Crossing Employment Agency.
- 176. Reed Employment Agency.
- 89. Reference Association of California.
- 101. Rodriguez, Ricardo.
- 141. Ruehl & Company, E. H.
- 195. Saunders-Walters Stenographic Company.
- 209. Silverthorne Nurses' Directory.
- 91. Smith's Employment Agency.
- 117. Swedish and German Employment Agency.
- 50. Tourist and Hotel Reporter.
- 92. Trimble's Employment Agency.
- 49. Tucker's Hotel and Restaurant Employment Agency.

**Oriental.**

- 177. A. B. Employment Agency.
- 142. Abe Japanese Employment Agency.
- 228. Cahuenga Employment Agency.
- 98. Eagle Japanese Employment Agency.
- 20. Fugli Employment Agency.
- 110. Ibusuki Japanese Employment Agency, T.
- 208. Ito's Employment Agency.
- 16. Japanese A. B. C. Employment Agency.
- 102. Japanese Central Employment Agency.
- 24. Japanese Los Angeles Employment Agency.
- 109. Kamiya Oriental Employment Agency, M.
- 99. Pacific Japanese A. A. A. Employment Bureau, The.
- 127. Sumi's Japanese Employment Agency.
- 78. Sunset and Cherry Day Work Employment Agency.
- 231. Sunset Employment Agency.



**TABLE No. VIII. Employment Agencies of the State. List of Agencies Granted State Licenses Since April 1, 1914—Continued.**

**OAKLAND.**

License No.

- 114. Johnson & Kerr.
  - 207. Nelson's Employment Agency, Mrs.
  - 146. Oakland Employment Agency.
  - \*17. Oswald's Employment Agency, Mrs. J.
  - 54. People's Employment Agency, The.
  - 43. Success Employment Agency.
  - 80. Swift Employment Agency.
  - 204. Woman's Employment Exchange.
- Oriental.**
- 173. Japanese and Chinese Employment Agency.
  - 139. Japanese Employment Agency of Nippon Home.
  - 128. Orient Employment Agency.
  - 226. Yuen Employment Agency, Chas.

**AGENCIES IN CITIES OF THIRD AND FOURTH CLASSES.****ALAMEDA.**

- 164. Hiroshimaya.
- 68. Rokutani Employment Agency.

**BERKELEY.**

- 237. Berkeley Employment Bureau.
- 52. Fisk Teachers' Agency, The.
- 121. McNeill Teachers' Agency.

**FRESNO.**

- 257. Central California Employment Agency.
- 253. Fresno Employment Agency.
- 166. Golden West Employment Agency.
- 39. Home Employment Office.
- 159. People's Employment Agency.
- 214. Powell Employment Agency, R. A.
- 181. Quong Sing Chong Company.
- 182. San Joaquin Employment Agency.
- 34. Wright's Employment Agency.

**PASADENA.**

- 229. General Employment Agency.
- 238. McAdam Employment Agency.
- 27. Mikado Employment Agency.
- 255. People's Employment Agency.
- 26. Registry for Undergraduate Nurses.
- 93. Weylandt's Employment Agency, Mrs. Chas. J.
- 28. Yamato Employment Agency.

**SACRAMENTO.**

- \*55. Bruening & Company, W. E.
- 213. Capital Employment Agency.
- 53. Central Employment Agency.
- 83. Hong Kong Employment Agency.
- 169. Ideal Employment Agency.
- 88. Murray & Ready.
- 82. Nippon Employment Agency.
- 170. Pacific Coast Labor Bureau.
- 29. Red Cross Employment Office.
- 81. Shirokane Employment Agency.
- †75. St. George Labor Agency.
- 149. Standard Employment Agency.
- 148. Sunrise Employment Agency.
- 140. Tremont Employment Agency.
- 168. Western Labor Bureau.
- 122. Wide Awake California Employment Agencies, Inc.

**SAN DIEGO.**

- 64. Commercial Exchange.
- 84. Essex Employment Agency.
- 249. Golden West Employment Agency.
- 135. Old Reliable Employment Agency.
- 230. Pacific Coast Employment Agency.
- 61. Pioneer Employment Agency.
- 63. Plaza Employment Agency.
- 62. San Diego Employment Agency.
- 85. Star Employment Agency.
- 65. Western Employment Agency.
- 86. Women's Social Service.
- 87. Y. W. C. A.

†retired from business. †License canceled.

**TABLE No. VIII. Employment Agencies of the State. List of Agencies Granted State Licenses Since April 1, 1914—Continued.****SAN JOSE.**

License No.

- 186. Garden City Employment Agency.
- 133. Progressive, The.
- 205. United Employment Agency.

**STOCKTON.**

- 246. Furuya Japanese Employment Agency.
- 59. Independent Employment Agency.
- 58. King's Employment Agency.
- 215. Logan's Employment Agency.
- 40. Reyner's Employment Agency.
- 33. Steele's Employment Agency.
- 147. Williams & Company.

**AGENCIES IN ALL OTHER CITIES AND TOWNS.****ANTIOCH.**

- 234. Antioch Employment Agency.

**BAKERSFIELD.**

- 200. Kern Valley Employment Bureau.
- †151. Morris' Employment Agency, Edd.
- \*172. Northern Employment Agency, The.
- 203. Odell Employment Agency.
- 244. Whitaker Employment Agency.

**CARPINTERIA.**

- 239. Hachiya Employment Agency.
- 233. Suminaga, George.

**CHICO.**

- 131. California Employment Agency.
- 218. Wide Awake Employment Agency.

**CUCAMONGA.**

- 198. Iwasaki Employment Agency, T.

**EL CENTRO.**

- 202. People's Employment Office.
- 254. Pioneer Employment Agency.
- 250. Imperial Valley Employment Agency.

**EUREKA.**

- 51. Hayden Employment Agency.
- 57. Kerr, J. W.
- 134. Metropole Employment Agency.

**IMPERIAL.**

- 137. Honaker Employment Agency.

**LIVERMORE.**

- 241. Mint Employment Agency.

**LODI.**

- 60. Lodi Employment Agency.

**LONG BEACH.**

- 144. Japanese Arks Employment Agency.
- 145. Mikado Employment Agency.
- 178. Panama Employment Agency.
- 163. Togo Japanese Employment Agency.

**MARYSVILLE.**

- 32. Marysville Employment Agency.

**MERCED.**

- 41. Warfield Employment Agency, C. A. H.

**MODESTO.**

- 108. Modesto Employment Agency.

**NORTH POMONA.**

- 236. Sasaki, Frank C.

**OCEAN PARK.**

- 188. Hollywood Employment Agency.

**ONTARIO.**

- 150. Narod Employment Agency.

**REDDING.**

- \*123. Gray's Employment Agency.
- 69. Nichol's Employment and Intelligence Bureau.
- 216. Northern California Employment Agency.

**REDLANDS.**

- 250. 1897 Employment Agency.
- 107. Rivera, A. A.

**RIVERSIDE.**

- 212. Reliable Employment Agency.

\*Retired from business. †License canceled.

TABLE No. VIII. Employment Agencies of the State. List of Agencies Granted State Licenses Since April 1, 1914—Continued.

## SALINAS.

License No.

152. Shaw's Employment Agency, Chas.

## SAN BERNARDINO.

194. Boesenberg & Son, F.

179. Preciado's Employment Agency, A. F.

220. Tafolla & Company, A. M.

## SAN MATEO.

138. Lindsay, Mrs. Mary J.

## SANTA ANA.

224. Palace Employment Agency.

132. Santa Ana Employment Agency.

## SANTA BARBARA.

187. Associated Charities of Santa Barbara.

197. Fujitsu & Company, S.

157. Japanese Employment Agency.

232. Palmer's Employment Agency.

243. Santa Barbara Employment Agency.

## SANTA MONICA.

217. Ocean Park Japanese Employment Agency.

211. Yoshimoto, H. B.

## SANTA PAULA.

235. Sakyo, Y.

## SANTA ROSA.

261. Murphy, Will C.

## TAFT.

180. Durst Employment Agency, The.

## VISALIA.

171. Howell's Employment Agency.

## (EAST) WHITTIER.

189. Tsukifuji, Frank.

TABLE No. IX. Age and Schooling Certificates issued in the State, for Period August 10, 1913, to June 25, 1914.

(Showing sex and schooling, by counties.)

County	Total certificates issued	Total (15 years)		Graduate (15 years)			Non-graduate (15 years)		
		Male	Female	Total	Male	Female	Total	Male	Female
Alameda	33	22	11	10	8	2	23	14	9
Alpine									
Amador									
Butte	6	4	2	1	1		5	3	2
Calaveras	1		1				1		1
Colusa									
Contra Costa	6	5	1	3	3		3	2	1
Del Norte									
El Dorado									
Fresno	30	20	10	4	4		26	16	10
Glenn									
Humboldt	12	12		5	5		7	7	
Imperial	1	1					1	1	
Inyo									
Kern	2		2	1		1	1		1
Kings									
Lake									
Lassen									
Los Angeles	570	414	156	224	151	73	346	263	83
Madera	1	1					1	1	
Marin	2	2		2	2				
Mariposa									
Mendocino									
Merced									
Modoc									
Mono									
Monterey									
Napa									
Nevada									
Orange									
Placer	1	1					1	1	
Plumas									
Riverside	3	3		1	1		2	2	
Sacramento	109	62	47	35	13	22	74	49	25
San Benito									
San Bernardino									
San Diego	46	41	5	22	20	2	24	21	3
San Francisco	490	350	140	92	67	25	398	283	115
San Joaquin	7	7		3	3		4	4	
San Luis Obispo									
San Mateo	2	2					2	2	
Santa Barbara	6	5	1	1	1		5	4	1
Santa Clara	22	21	1	2	2		20	19	1
Santa Cruz									
Shasta	2		2	2		2			
Sierra									
Siskiyou									
Solano	6	6		2	2		4	4	
Sonoma	3	2	1				3	2	1
Stanislaus									
Sutter									
Tehama									
Trinity									
Tulare	3	2	1	1		1	2	2	
Tuolumne	1	1		1	1				
Ventura	3	1	2	3	1	2			
Yolo	5	4	1	4	3	1	1	1	
Yuba									
Totals	1,373	989	384	419	288	131	954	701	253

**TABLE No. X. Permits to Work (Graduate) issued in the State, for Period August 10, 1913, to June 25, 1914.**

(Showing sex and age, by counties.)

County	Total permits issued	Male				Female			
		Total	12 years	13 years	14 years	Total	12 years	13 years	14 years
Alameda	3	2			2	1			1
Alpine									
Amador									
Butte	1	1			1				
Calaveras									
Colusa									
Contra Costa									
Del Norte									
El Dorado									
Fresno	7	2		1	1	5			5
Glenn									
Humboldt	3	3	1	2					
Imperial									
Inyo									
Kern									
Kings									
Lake									
Lassen									
Los Angeles	119	96	1	15	80	23			23
Madera									
Marin									
Mariposa									
Mendocino									
Merced	1	1		1					
Modoc									
Mono									
Monterey									
Napa	1	1			1				
Nevada									
Orange									
Placer									
Plumas									
Riverside	1	1			1				
Sacramento	1					1			1
San Benito									
San Bernardino									
San Diego	8	7			7	1			1
San Francisco	38	33		3	30	5			5
San Joaquin	1					1			1
San Luis Obispo									
San Mateo									
Santa Barbara	11	6	1	1	4	5	3	1	1
Santa Clara	4	3			3	1			1
Santa Cruz									
Shasta									
Sierra									
Siskiyou									
Solano	1	1			1				
Sonoma									
Stanislaus									
Sutter	2	2			2				
Tehama									
Trinity									
Tulare									
Tuolumne									
Ventura	5	5	1	4					
Yolo									
Yuba									
Totals	207	164	4	27	133	43	3	1	39

TABLE NO. XI. Permits to Work (Temporary) Issued in the State, for Period  
August 10, 1913, to June 25, 1914.  
(Showing sex and age, by counties.)

County	Total permits issued	Male				Female			
		Total	12 years	13 years	14 years	Total	12 years	13 years	14 years
Alameda	12	11	1		10	1			1
Alpine									
Amador									
Butte									
Calaveras	1	1		1					
Colusa									
Contra Costa	3	3			3				
Del Norte									
El Dorado	1	1			1				
Fresno	7	4			4	3			3
Glenn									
Humboldt	4	2			2	2		1	1
Imperial	3	3	1	1	1				
Inyo									
Kern	1	1			1				
Kings									
Lake									
Lassen									
Los Angeles	66	52	3	3	46	14	1	2	11
Madera									
Marin									
Mariposa									
Mendocino	1	1		1					
Merced									
Modoc									
Mono									
Monterey									
Napa									
Nevada									
Orange	1	1		1					
Placer									
Plumas									
Riverside	5	4	1		3	1	1		
Sacramento	14	7			7	7			7
San Benito									
San Bernardino									
San Diego	48	46	5	13	26	2		1	1
San Francisco	146	116	8	29	79	30	1	7	22
San Joaquin									
San Luis Obispo									
San Mateo									
Santa Barbara	1	1			1				
Santa Clara	12	8		3	5	4			4
Santa Cruz	2	2			2				
Shasta									
Sierra									
Siskiyou									
Solano	8	8	1	2	5				
Sonoma	4	2			2	2			2
Stanislaus									
Sutter									
Tehama									
Trinity									
Tulare	1	1		1					
Tuolumne									
Ventura									
Yolo									
Yuba									
Totals	341	275	20	55	200	66	3	11	52

TABLE No. XII. Age and Schooling Certificates Issued in the State, for Period August 10, 1913, to June 25, 1914.

(Showing sex and schooling, by countries of birth.)

Country of birth	Total graduate and non-graduate			Graduate			Non-graduate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
California .....	562	418	144	169	122	47	393	296	97
Rest of United States .....	547	393	154	206	139	67	341	254	87
Austria-Hungary .....	20	18	2	---	---	---	20	18	2
British Isles .....	42	31	11	17	11	6	25	20	5
Canada .....	17	12	5	7	4	3	10	8	2
France .....	6	4	2	---	---	---	6	4	2
Germany .....	16	12	4	4	3	1	12	9	3
Italy .....	60	37	23	3	2	1	57	35	22
Mexico .....	19	14	5	1	1	---	18	13	5
Russia .....	48	28	20	4	1	3	44	27	17
Scandinavia .....	8	6	2	3	2	1	5	4	1
Spain .....	9	5	4	2	1	1	7	4	3
Miscellaneous .....	19	11	8	3	2	1	16	9	7
Totals .....	1,373	989	384	419	288	131	954	701	253

TABLE No. XIII. Permits to Work (Graduate) Issued in the State, for Period August 10, 1913, to June 25, 1914.

(Showing sex, by countries of birth.)

Country of birth	Total	Male	Female
California .....	86	72	14
Rest of United States .....	104	79	25
Austria-Hungary .....	1	---	1
British Isles .....	3	2	1
Canada .....	1	1	---
Germany .....	2	1	1
Italy .....	1	1	---
Mexico .....	1	1	---
Russia .....	1	1	---
Miscellaneous .....	7	6	1
Totals .....	207	164	43

**TABLE No. XIV. Permits to Work (Temporary) Issued in the State, for Period  
August 10, 1913, to June 25, 1914.  
(Showing sex, by countries of birth.)**

Country of birth	Total	Male	Female
California .....	166	133	33
Rest of United States .....	132	110	22
Austria-Hungary .....	4	4	
British Isles .....	5	5	
Canada .....	4	3	1
Germany .....	5	5	
Italy .....	5	4	1
Mexico .....	4	3	1
Russia .....	8	3	5
Miscellaneous .....	8	5	3
<b>Totals .....</b>	<b>341</b>	<b>275</b>	<b>66</b>

**TABLE No. XV. Permits to Work (Temporary) Issued in the State, for Period  
August 10, 1913, to June 25, 1914.  
(Showing period of time for which issued.)**

Period of time for which issued	Total	Male	Female
Under 1 month .....	20	18	2
1 month and over, but under 3 months .....	35	27	8
3 months and over, but under 6 months .....	89	68	21
6 months .....	167	140	27
Not stated .....	30	22	8
<b>Totals .....</b>	<b>341</b>	<b>275</b>	<b>66</b>



**TABLE No. XVI. Complaints for Violation of Eight Hour Law for Women Filed With Bureau and Investigated During Fiscal Year Ending June 30, 1914.**  
(Showing industries against which complaints were filed.)

Industries	Total for state	San Fran- cisco office	Los Angeles office	Sacramento office	San Diego office
Automobile dealers .....	5	4	-----	-----	1
Bakeries .....	15	10	4	1	-----
Candy and confectionery .....	16	7	5	4	-----
Cleaning and dyeing .....	6	4	2	-----	-----
Dry goods, clothing, etc., stores .....	40	27	10	2	1
Grocery stores and markets .....	6	2	4	-----	-----
Hair dressing parlors .....	6	4	2	-----	-----
Hospitals and sanitarium .....	47	31	13	2	1
Hotels, apartment and boarding houses .....	184	106	58	16	4
Laundries .....	41	27	13	1	-----
Manufacturing, general .....	15	5	10	-----	-----
Millinery .....	13	7	6	-----	-----
Photograph galleries .....	6	2	4	-----	-----
Printing and publishing .....	12	7	4	1	-----
Public service corporations .....	7	-----	7	-----	-----
Restaurants .....	121	48	68	5	-----
Retail stores, general .....	47	26	16	5	-----
Tailoring and dressmaking .....	25	10	13	2	-----
Theaters .....	4	-----	4	-----	-----
Unclassified .....	66	43	21	1	1
Totals .....	682	370	264	40	8

**TABLE No. XVII. Complaints for Violation of Eight Hour Law for Women Filed With Bureau and Investigated During Fiscal Year Ending June 30, 1913.**  
(Showing industries against which complaints were filed.)

Industries	Total for state	San Fran- cisco office	Los Angeles office
Automobile dealers .....	6	4	2
Bakeries .....	15	12	3
Candy and confectionery .....	14	14	-----
Cleaning and dyeing .....	7	1	6
Dry goods, clothing, etc., stores .....	34	31	3
Grocery stores and markets .....	5	2	3
Hair dressing parlors .....	3	3	-----
Hospitals and sanitarium .....	3	3	-----
Hotels, apartment and boarding houses .....	139	115	24
Laundries .....	29	27	2
Manufacturing, general .....	18	15	3
Millinery .....	8	5	3
Photograph galleries .....	3	2	1
Printing and publishing .....	8	8	-----
Public service corporations .....	4	2	2
Restaurants .....	64	28	36
Retail stores, general .....	41	34	7
Tailoring and dressmaking .....	24	19	5
Theaters .....	6	6	-----
Unclassified .....	39	30	9
Totals .....	470	361	109

TABLE No. XVIII. Record of Complaints Filed With Bureau and Investigated During Fiscal Year Ending June 30, 1914.

Nature of complaint	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
Blowers .....	37	34	3		
Child labor .....	173	65	81	20	7
Eight hour law for women .....	682	370	264	40	8
Eight hour law—public work .....	46	11	31	2	2
Eight hour law—underground work .....	14	6	2	4	2
Employment agencies—license .....	31	22	8	1	
Employment agencies—misrepresentation .....	923	435	323	140	25
Medical cabinet law .....	35	35			
Non-payment of wages .....	7,330	3,265	2,844	837	384
Sanitation .....	135	76	50	1	8
Scaffolding, flooring, etc. ....	94	49	31	5	9
Seats for females .....	12	7	5		
Ten hour law for drug clerks .....	9	5	4		
Weekly day of rest .....	22	16	6		
General .....	78	63	1	10	4
Totals .....	9,621	4,459	3,653	1,060	449

TABLE No. XIX. Record of Complaints Filed With Bureau and Investigated During Fiscal Year Ending June 30, 1913.

Nature of complaint	Total for state	San Francisco office	Los Angeles office
Blowers .....	13	10	3
Child labor .....	108	84	24
Eight hour law for women .....	470	361	109
Eight hour law—public work .....	16	6	10
Eight hour law—underground work .....	2	2	
Employment agencies—license .....	72	55	17
Employment agencies—misrepresentation .....	479	359	120
Non-payment of wages .....	3,573	2,038	1,535
Sanitation .....	59	58	1
Scaffolding, flooring, etc. ....	25	21	4
Seats for females .....	9	8	1
Ten hour law for drug clerks .....	3	3	
Weekly day of rest .....	78	68	10
General .....	50	45	5
Totals .....	4,957	3,118	1,839

TABLE No. XX. Record of Prosecutions Conducted by the Bureau During Two Fiscal Years Ending June 30, 1914.

Nature of offense	Fiscal year 1913-14				Fiscal year 1912-13			
	Number of prosecutions.....	Disposition of cases			Number of prosecutions.....	Disposition of cases		
		Convicted.....	Dismissed.....	Pending.....		Convicted.....	Dismissed.....	Pending.....
Blower law .....					1	1		
Child labor law .....	21	18	3		28	22	6	
Eight hour law for women .....	37	26	11		33	23	10	
Eight hour law—public work .....					1		1	
Eight hour law—underground work .....	1	1			2		2	
Employment agency law—license .....	6	4	2		11	9	2	
Employment agency law—misrepresentation .....					3	1	2	
Misrepresentation as to strikes .....	1	1						
Payment of wage law .....	47	7	39	1	18	6	11	1
Pay check law .....	2	1	1		1		1	
Scaffolding, flooring, etc., laws .....	14	12	2		1		1	
Ten hour law for drug clerks .....					3	2	1	
Union card—unlawful use of .....					1	1		
Weekly day of rest law .....					2	1	1	
Totals .....	129	70	58	1	105	66	38	1
*Vending at night law .....	1		1		13		13	
Totals .....	130	70	59	1	118	66	51	1

\*These cases were against newsboys, and this Bureau did not desire to obtain convictions against the boys. The arrests were made more in the nature of a warning.

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## PART II.

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THE LUMBER INDUSTRY IN CALIFORNIA.  
THE PORTLAND CEMENT INDUSTRY IN CALIFORNIA

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# THE LUMBER INDUSTRY IN CALIFORNIA.

## A Survey of Labor, Living and Other Conditions.

### PART I.—GENERAL.

During a visit of the State Labor Commissioner to the railroad construction camps in the northern part of the state, he was impressed with the insanitary condition surrounding the camps in which laborers were housed, and the total disregard of the employers for the health and comfort of their employees. Men were found sleeping on hard bunks, in open tents, with three feet of snow on the ground, the employer not even furnishing straw for bedding.

In the past, little or no attention has been paid to the men hidden away in the mountains and forests, building our railroads, our irrigation systems and power plants, and cutting our timber. They have often been treated as so many cattle. The camps provided for them were makeshifts, unclean and insanitary, with practically no accommodations.

In view of these circumstances, this Bureau prepared a bill, which became a law on August 10, 1913, providing for the sanitation of camps. This act reads, in part, as follows:

Section 1. In or at any camp where five or more persons are employed, the bunkhouses, tents and other sleeping places of such employees shall be kept in a cleanly state, and free from vermin and matter of an infectious and contagious nature, and the grounds around such bunkhouses, tents or other sleeping places shall be kept clean and free from accumulations of dirt, filth, garbage and other deleterious matter.

Section 2. Every bunkhouse, tent or other sleeping place used for the purpose of a lodging or sleeping apartment in such camp, shall contain sufficient air space to insure an adequate supply of fresh air for each person occupying such bunkhouse, tent or other sleeping place. The bunks or beds shall be made of iron, canvas or other sanitary material, and shall be so constructed as to afford reasonable comfort to the persons occupying such bunks or beds.

Section 3. It shall be the duty of any person, firm, corporation, agent or officer of a firm or corporation employing persons to work in or at such camps and the superintendent or overseer in charge of the work in or at such camps to carry out the provisions of sections 1 and 2 of this act.

(Chapter 182, Statutes 1913.)

The bill was originally drafted to be enforced by this Bureau, but was amended and its enforcement was placed under the State Board of Health. The Wheatland riot had occurred on August 3d, seven days prior to the effective date of the Camp Sanitation Act, thus focusing public attention on the matter of camp conditions and showing the urgent need for supervision and regulation.

Having initiated the only law on the statute books on this subject, this Bureau undertook an investigation of the camps throughout northern California, and, by an arrangement with the State Board of Health, also undertook the enforcement of this law. This was begun on August 10th, and was concluded at Christmas, 1913, at which time all the logging camps, which had not closed down, had been visited.

Construction and railroad camps were also included in the tour of inspection.

This Bureau assigned J. W. Atkins, Special Agent, to make this pioneer inspection of the lumber industry, and the results of his investigations are presented in this survey.

The enforcement of the Camp Sanitation Law was confined to the northern part of the state.

**Authority.** Under the act creating this bureau (Act No. 1828, Statutes 1883), it is specifically authorized, among other things, to collect and present, in biennial reports, statistical details relating to the hours and wages of labor, cost of living, the number, age, sex, and conditions of persons employed, the nature of their employment, the extent to which the apprenticeship system prevails in the various industries, the number of hours of labor per day, the average length of time employed per annum, the net wages received in each of the industries, the number and conditions of the unemployed, their age, sex and nationality, together with the cause of their idleness, the sanitary conditions of lands, workshops, dwellings, the number and size of rooms occupied by the poor, the cost of rent, fuel, food, clothing and water in each locality of the state, the extent to which labor saving processes are employed to the displacement of hand labor, the number and condition of the Chinese in the state, their social and sanitary habits, as well as other facts pertaining to labor and manufactures.

The act forbids the use of the names of individuals, firms and corporations supplying information in the reports of this Bureau; hence, the data here submitted has been made as impersonal as possible. The intention has been to submit plain facts with relation to the subjects discussed and affecting the labor conditions in the lumber industry.

This Bureau is specifically charged with the enforcement of various laws, particularly the "Employment Agency Law," the act relating to the "Sanitation and Ventilation of Factories and Workshops," the "Child Labor Law," and the "Eight Hour Law for Women." An examination of the act creating this Bureau, together with the various laws here enumerated, will make it evident that this Bureau has ample power to conduct, at any time, such an investigation and to enforce such laws as are here enumerated.

Special agents have access to all places and works of labor while in the performance of their duties, and in the enforcement of the two last



Interior of a permanent bunkhouse, as found by the special agent, furnished with "flops" and wooden bunks or "primitive, temporary wooden nests—vermin incubators—to stable human beings, who are forced by necessity to occupy them."



named acts they "have all the powers and authority of sheriffs or other peace officers, to make arrests for violations of the provisions of this act, and to serve any process or notice throughout the state."

**Statistical.** Census returns for 1909, from all manufacturing establishments in the United States, give the relative importance of the leading industries as follows:

Industries	No. of establishments	Average number of wage earners	Value of products	Value added by manufacture
Slaughtering and meat packing.....	1,641	89,728	\$1,370,568,101	\$167,740,317
Foundry and machine shop products..	13,253	531,011	1,228,475,148	688,464,009
Lumber and timber products.....	40,671	695,019	1,156,128,747	648,011,168
Iron and steel, steel works and rolling mills .....	446	240,076	985,722,534	328,221,678

From the above table, it may be seen that a much larger number of persons are employed in the production of "lumber and timber products" than in any other single manufacturing industry in this country.

In accordance with chapter 255, statutes of 1913, this Bureau of Labor Statistics undertook this year (1914) to compile the annual state census of manufactures. Blanks for the purpose of securing statistics were mailed to all manufacturing establishments.

The returns, as compiled from the reports received in the lumber and other industries, are elsewhere tabulated. A large number of manufacturers failed to comply with the law, and in consequence the showing in this industry is not as good as it should be.

From these reports a comparative table has been compiled, showing the amount of payments to wage-earners of the twelve largest companies in the state for 1913. It is here submitted in order that the public may secure some conception of the importance of this industry.

These figures reflect the extensive and efficient organizations that are maintained by these and other companies to manufacture and dispose of their output:

**Comparative Statement of Employees and Wages of the Principal Lumber Companies in California for 1913.**

Rank	Officers of corporations	Superintendents and managers	Salaries <sup>1</sup>	Clerks, stenographers, salesmen and other salaried employees	Salaries	Payments to wage earners, including piece workers	Totals—salaries and wages
1	6	14	\$81,500	38	\$63,000	\$1,233,040	\$1,377,540
2	1	8	52,500	39	38,098	771,220	861,818
3	-----	10	24,900	36	42,710	766,143	833,753
4	5	8	45,780	12	30,000	727,000	802,780
5	4	6	41,320	39	33,584	520,222	585,126
6	-----	5	18,700	26	17,763	490,166	526,629
7	3	2	17,399	5	8,500	386,228	412,127
8	3	4	25,500	6	9,120	304,999	339,619
9	-----	4	18,000	10	10,900	298,890	327,790
10	-----	5	13,535	10	11,458	275,377	300,370
11	-----	2	-----	9	15,590	283,878	299,468
12	1	2	12,250	5	6,060	230,444	248,754

<sup>1</sup>Combined salaries of officers and managers.  
<sup>2</sup>Salaries of superintendents and managers.  
<sup>3</sup>Combined reports of one company.

The reports of eleven of these companies show a variation in the total number of employees on their pay rolls, from 5,932 in January, 1913, to a maximum of 10,957 in July, 1913. The average of these two extremes approximates for these eleven companies to one half of the total number (18,560) of wage earners of all companies of whom statistics of wages were secured. These statistics were obtained for the purpose of determining the average wage in each occupation.

Four of these companies are located in the redwood districts, while eight are in the pine districts.

Comparative Statement of the Number of Wage Earners, on the 15th or 31st Days of Each Month of 1913, as Shown by the Reports of Principal Lumber Companies of California.

No.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1,394	1,586	1,743	1,798	1,728	1,642	1,656	1,522	1,497	1,258	1,397	1,564
2	610	517	663	1,376	1,398	1,383	1,358	1,269	1,171	823	686	474
3	779	751	743	1,451	1,400	1,544	1,628	1,573	1,377	1,322	1,152	919
4	720	727	740	1,047	1,080	1,025	1,100	990	935	945	920	636
5	628	686	722	760	800	805	850	849	854	808	773	766
6	700	764	795	835	844	843	839	859	813	796	760	770
7	292	271	239	221	652	684	709	654	508	551	310	224
8	122	138	170	482	871	1,120	1,265	1,116	1,117	676	159	82
9												
10	399	551	551	602	597	577	561	534	523	508	525	510
11	166	180	158	222	463	490	478	458	417	392	188	156
12	122	111	155	422	528	545	515	471	438	414	260	70
	5,932	6,232	6,709	9,216	10,331	10,638	10,957	10,296	9,770	8,463	7,130	6,071

<sup>1</sup>For year 1912.

<sup>2</sup>For year 1914.

Returns from smaller lumber companies, than those here tabulated, show a much greater variation in the number employed in January and July. Evidently it is by virtue of their more thorough organization and trade connections that the larger companies are enabled to operate throughout the year.

One report states: "In the production or manufacture of lumber, the greater part of the work is not done in a factory, but, beginning with the falling of the trees in the woods, includes a greater proportion of handling expense and transportation."

Handling expense and the present prohibitive freight rates, result in the almost total loss of the waste fuel wood produced in logging operations, and amounting in value to thousands of dollars annually. If the transportation charges were reduced, a large number of men could secure work in the manufacturing and shipping of cord wood, and the cost of fuel in the cities would be greatly reduced.

It is hard to conceive of the enormous quantities of wood fuel which is left behind to rot, to furnish material for forest fires, or to be burnt over at the close of the season when the "slashings" are destroyed by some companies.

Statistics show that of the trees which are felled, thirteen per cent of them are left to rot as stump, top and branches; at the sawmill, forty-three per cent of the trees which are felled go into sawdust, bark, slabs, and so on; two per cent are lost in seasoning; three per cent in planing and finishing; four per cent more goes into the kindling heap when a house is built. Only thirty-five per cent of the original trees emerge in the form of a building, and when the carpenters are careless the proportion is less than that.

The "Thirteenth Census of the United States for 1910," has this to say of lumber and timber products in California:

This industry embraces logging operations, sawmills, planing mills, and establishments engaged in the manufacture of wooden packing boxes. It does not include mills engaged exclusively in custom sawing. The industry is the leading one in the state, giving employment in 1909 to 22,935 wage earners, or, 19.9 per cent of the total for all manufacturing industries, and the value of its products amounted to \$45,000,276 or 8.5 per cent of the total. While the growth of the industry during the five year period, 1904-1909, was considerable, its development was much less rapid than during the earlier period, 1890-1904.

The census reports were based on the following:

NUMBER OF ESTABLISHMENTS.

Individual .....	199
Firm .....	149
Corporation .....	296
Total .....	644

These 644 establishments employing 22,935 wage-earners, produced products of the value of \$45,000,276 in 1909, making this the leading manufacturing industry in this State.

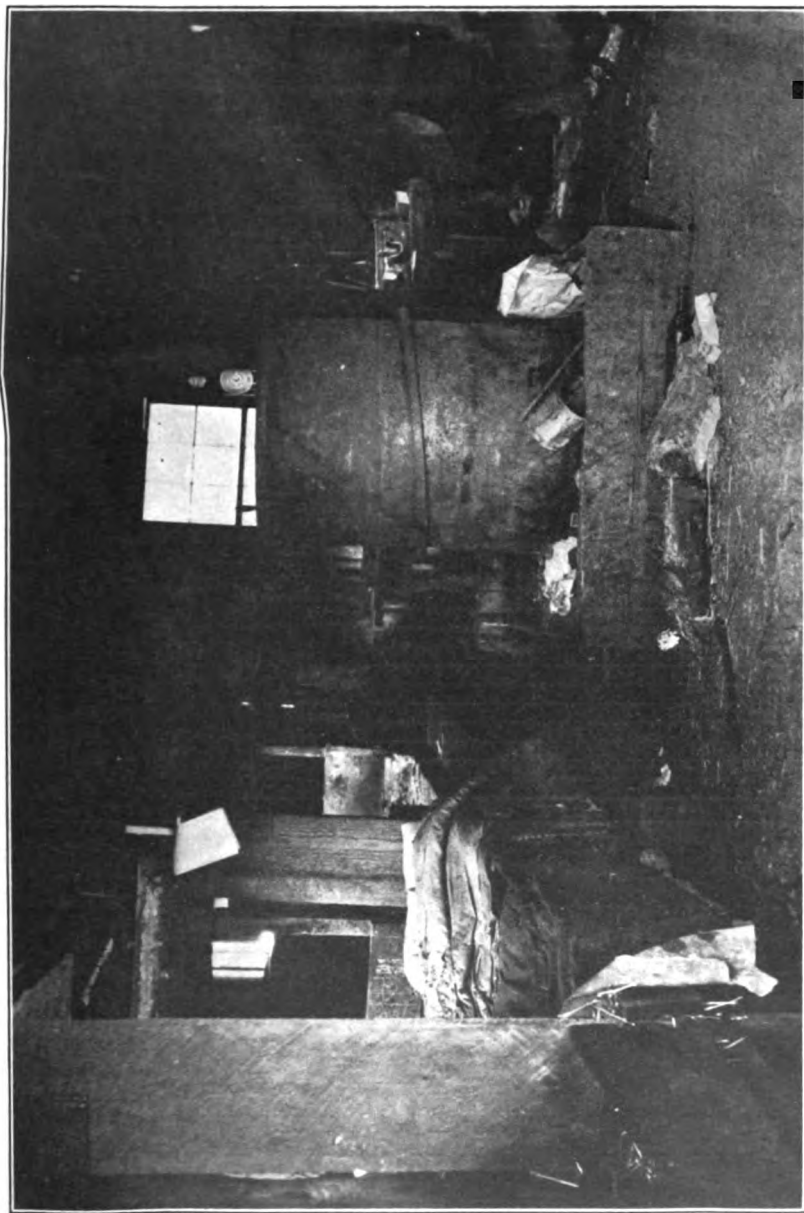
The value of the lumber and timber products was 8.5 per cent of the total production of all establishments.

Statistics, as above recorded, of the lumber industry in California, Oregon and Washington, show that in each State this is the leading manufacturing industry.

Tables have been compiled, based on statistics of operations in 1909, the latest obtainable census data, and are here presented:

Comparative Table, by States, of Employees in the Lumber Industry.

States	No. of establishments	Total employees	Proprietors and firm members	Salaried officers, super., and managers	Clerks		Wage earners, average number
					Male	Female	
California .....	644	25,079	547	647	799	151	22,935
Oregon .....	713	16,833	846	453	385	83	15,066
Washington .....	1,263	47,417	1,013	1,414	1,095	176	43,749



This disreputable appearing permanent bunkhouse, equipped with double-deck wooden bunks, was being occupied by six employees of a lumber company.

Comparative Table, by States, of Payments for Services.

States	Officials	Clerks	Wage-earners
California .....	\$1,343,978	\$893,347	\$15,651,040
Oregon .....	824,935	442,401	10,171,862
Washington .....	2,427,125	1,188,254	31,326,917

Comparative Table, by States, of Value of Lumber Products.

States	Value of products	Value added by manufacture
California .....	\$45,000,276	\$26,631,376
Oregon .....	30,200,000	17,787,000
Washington .....	89,154,820	52,275,954

The census reports for 1909, show the following segregation by months, of the number of employes in the manufacture of "lumber and timber products" in California:

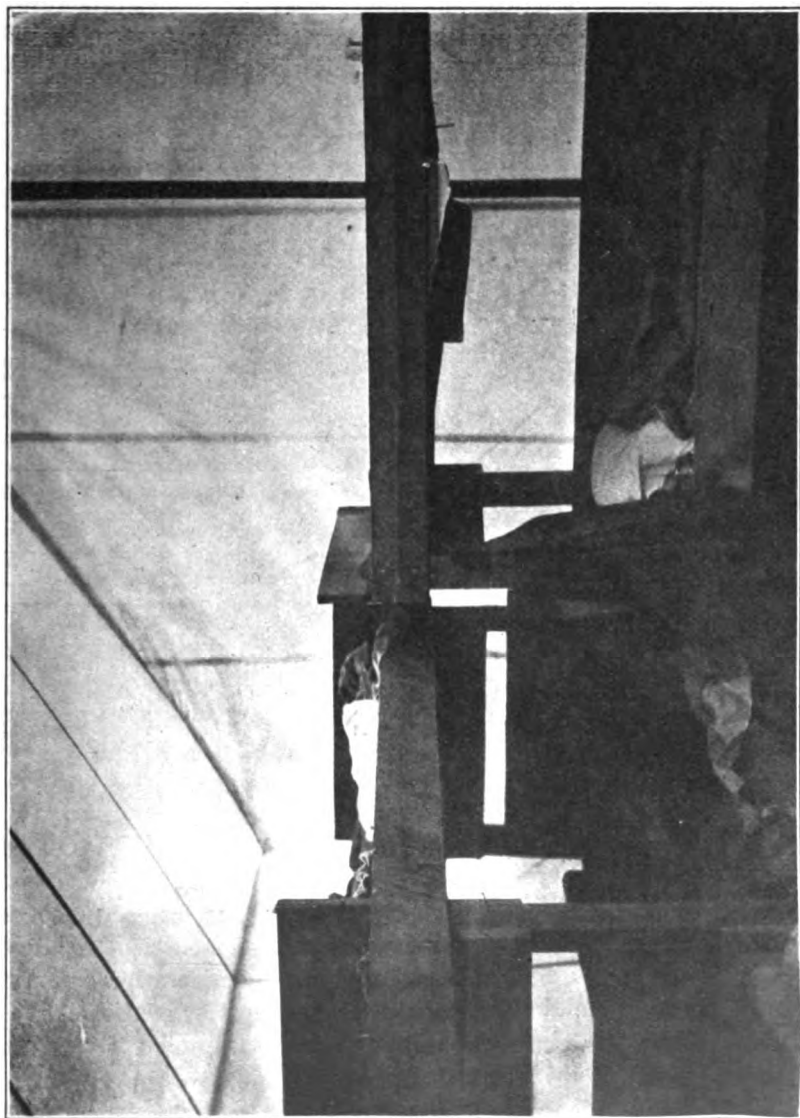
## California.

Average number of employees.

Months	In mills	In logging operations	Totals
January .....	12,150	2,251	14,401
February .....	12,074	2,367	14,441
March .....	12,793	4,032	16,825
April .....	15,014	6,839	21,853
May .....	17,525	9,230	26,755
June .....	18,681	9,852	28,533
July .....	19,131	9,855	28,986
August .....	19,148	9,813	28,961
September .....	18,833	9,099	27,932
October .....	17,990	7,845	25,835
November .....	16,897	5,910	22,807
December .....	14,795	3,099	17,894

Like the table previously given, showing the variation by months, compiled from statistics secured from the eleven leading companies of this State, this table shows a minimum number at work in January, 1909, of 14,401, and a maximum in July of 28,986, or, twice the minimum number. The greatest variation is shown in the number engaged in logging operations. This ranges from a minimum of 2,251 in January, to a maximum of 9,855 in July, 1909, or, an increase of over three hundred per cent. The variation in the mills ranges from 12,074, in February, to 19,148 in August—an increase of over fifty per cent.

A similar segregation for 1913 of the total number of employees in the mills and in the logging operations, is not possible with the data at hand. Reference to the comparative statement, previously given, of eleven California companies, showing by months the average number of wage-earners employed by them, discloses a far less variation in the number of employees, engaged throughout the year, in the redwood districts than



Interior of a tent showing the usual type of double-deck wooden bunks. Ten to fourteen men may be thus housed in one tent.

in the pine districts. This is due to the fact that many employers in the latter districts are unable to operate during the winter season due to the snow and the severity of the weather.

For purposes of comparison, the following tables showing the 1909 census reports on variations of employment in the manufacture of "lumber and timber products," in Oregon and Washington, are here given:

#### Oregon.

Average number of employees.

Month	In mills	In logging operations	Total Number
January	8,496	3,049	11,545
February	9,480	3,362	12,842
March	10,427	3,926	14,353
April	11,271	4,396	15,667
May	11,611	4,580	16,191
June	11,947	4,515	16,462
July	11,551	4,195	15,746
August	11,567	4,290	15,857
September	11,898	4,346	16,244
October	11,700	4,269	15,969
November	11,298	4,084	15,382
December	10,907	3,625	14,532

#### Washington.

Average number of employees.

Month	In mills	In logging operations	Total Number
January	22,158	11,243	33,411
February	25,164	13,036	38,200
March	28,474	15,174	43,648
April	30,627	15,609	46,236
May	31,430	15,340	46,770
June	30,930	14,765	45,695
July	30,340	12,722	43,062
August	31,378	13,767	45,145
September	31,660	15,081	46,741
October	31,773	15,360	47,133
November	31,213	15,360	46,573
December	28,882	13,486	42,368

From the foregoing figures, it is shown that more men are employed in the manufacture of "lumber and timber products" in Washington than in California. California, however, leads Oregon in this matter. These figures also show a far less variation in employment in the mills and in the logging operations in Oregon and Washington than in California.

This may be attributable to the fact that in the northern states the logging work is done nearer the Pacific Ocean, where the winter weather is less severe than it is in the pine districts of California. These are located along the Sierra Nevada Mountains, where the camps are usually forced to close down from November and December until April and May.

Some California managers claim that it is because of the large tracts of fine, merchantable timber, convenient to cheap transportation, the smaller logging costs, and the economies effected by the continuity of operations throughout the year, of their northern competitors, that they are thereby enabled to ship their lumber to California and successfully compete with the companies of this state in their home markets.

**Scope of Investigation.** In the thirty-one years of this Bureau's existence, this survey is the first one to be completed in the lumber, or any other industry. It is due to the cordial co-operation of the managers, superintendents, and foremen, that it was possible to make so thorough an investigation of camp and labor conditions.

As hereinafter described, the lumber companies of the state may be divided into two groups: those operating in the pine forests of the Sierra Nevada Mountains and those in the redwood forests along the mountains of the Coast Range. These two groups may be again divided geographically, as elsewhere stated, into northern and southern districts.

The tour of inspection in 1913 embraced the companies operating in the northern pine and redwood districts, but did not include any plants in the metropolitan districts, as San Francisco and Sacramento.

The camp sanitation law became effective August 10, 1913, on which date the inspections were begun and these were continued until Christmas, 1913. For the purpose of completing the statistics and general information previously secured regarding this industry, the inspections were continued during the summer of 1914, and the other lumber plants and logging camps of southern California were visited.

The establishments inspected included those directly connected with the production and manufacture of lumber and its products, as well as a few other manufacturing companies which were conveniently accessible.

The plants of all important sawmill companies in the State, excepting three which had closed down for the winter, were visited. This report is based on conditions noted during the survey of establishments in thirty-five cities or towns, twenty-three "company towns," and one hundred eighteen camps located in the nineteen counties where lumbering operations are conducted. Inquest records returned during the year previous to the date of visits were investigated in the offices of county clerks of fourteen of these counties.

These plants comprise forty-seven sawmill companies operating fifty-one sawmills, fifteen box factories, one match factory, one veneer factory, six sash and door factories, besides numerous stores, hotels, hospitals, planing mills, lumber yards, lath and shingle departments operated in conjunction therewith; eight redwood shingle factories;



three independent box factories; one shingle and lath factory; two sash and door cutting establishments; one door factory; two door and planing mill plants; and one cooperage plant.

In addition, five employment agencies, two construction camps, and twenty-one railroad construction camps, were likewise visited.

Nationality, efficiency, and wage statistics were secured of employees of all these companies. In the lumber industry the total was about 20,000, of whom 18,560 employees have been classified, by occupations, for the purpose of determining average wages.

**Employment Agencies.** In the past, laborers, mechanics and others have been victimized by unscrupulous employment agencies, which promised work upon payment of fees. Positions were promised in remote places, inconvenient and expensive to reach, and too often the employee was discharged within a short time, in order that another might take his place. In such cases, the presumption is that the employment agent divided his fees with the foreman of the work. Then the employee had to return to the same or another agent and start over again, first paying another fee for the next job.

The rate of wages, the hours of employment, whether or not board and lodging was to be furnished, the cost of transportation and whether or not it was to be paid by the employee, the time of such service, whether definite or indefinite, all were often misrepresented, by the agent, to the disadvantage of the applicant.

By the "Employment Agency Law," as amended in 1913, this Bureau directly supervises and licenses all private employment agencies, conducted for profit, and prescribes the books, registers and receipts which shall be used. This is the best law on this subject which has been adopted anywhere in the United States.

According to this law the receipts must specify the conditions of employment, as mentioned above; the name and address of the agency issuing them; the name and address of the person to whom the applicant is sent for employment; the name of the applicant; the date; the amount of fee, and the kind of work or service to be performed:

The act further provides that:

Section 12. No such licensed person shall send out any applicant for employment without having obtained, either orally or in writing, a bona fide order therefor. In case the applicant paying such fee fails to obtain employment, such licensed agency shall repay the amount of said fee to such applicant upon demand being made therefor; provided, that in cases where the applicant paying such fee is sent beyond the limits of the city in which the employment agency is located, such licensed agency shall repay in addition to the said fee any actual expenses incurred in going to and returning from any place where such applicant has been sent; *provided, however*, where the applicant is employed and the employment lasts less than seven days, by reason of the discharge of the applicant, the employment agency shall return to said applicant the fee paid by such applicant to the employment agency.



View of a cabin interior showing single wooden bunks, and also how a congenial party of three men may keep a room in good order. Note the difference between this cabin and the views of permanent bunkhouses where many are housed together.

Section 13. No licensed person conducting an employment agency shall publish or cause to be published, any false or fraudulent or misleading information, representation, notice or advertisement; all advertisements of such employment agency by means of cards, circulars, or signs and in newspapers and other publications, and all letter-heads, receipts, and blanks, shall be printed and contain the licensed name and address of such employment agent and the word "agency," and no licensed person shall give any false information, or make any false promise or false representation concerning an engagement or employment to any applicant who shall register or apply for an engagement or employment or help.

(Chapter 282, Statutes 1913.)

As a result of this law, there has been a large reduction in the number of complaints from woodsmen, railroad and construction men, as well as others who were the chief losers by the former system.

**Employees and Employment.** Most of the men engaged in lumbering return each year to the various plants and camps when they open up in the spring and continue work until these plants slacken operations or close down for the winter season. The principal employees are retained all the year.

Work is had either by writing in advance for a position or by application to employment agencies. A number of the companies have offices in San Francisco and engage men there for the plants. Those engaged for the redwood lumber companies are shipped by boat to Eureka, Crescent City, and Fort Bragg, whence they travel to the various places of work.

Employees in the lumber industry are steadier than those engaged in railroad or other construction work, but, like the latter class, they frequently quit their positions to seek work elsewhere, or to take a vacation until they have spent their "stake." (A "stake" is a certain sum of money which an employee has previously determined upon earning before he will quit his position.)

A writer has stated regarding woodsmen that :

Years of work in the big timber have made them as hard physically as they are morally. They work long hours, with breakfast at five and supper at six. Their days are full of hardship and with more than a proportionate share of danger. Money is hard earned by them but is rarely measured in terms of work but more often in the size of debauches that it will permit them.

The pay roll for August, 1913, of a certain large company, having first class boarding house accommodations for its employees, disclosed the fact that of sixteen hundred ninety-four men employed, three hundred ninety-one had quit work that month. This ratio is not unusual.

Labor conditions are quickly reflected in the lumber industry, for, when times are hard and work scarce, as in 1914, the employees are steadier in their positions, but when work is plentiful as it was during 1913, the men are less reliable and more likely to quit work or change from place to place for no apparent reason.

Many of the men, who are furnished transportation by the companies directly, or through the employment agencies, accept and use this transportation, by trains or boats, but refuse to go to work, and hire out elsewhere. This is done to evade the repayment of the amounts which have been advanced to bring them to the positions they accepted.

The extent of this practice, as shown by the books of one company, covering a period from March 1, 1912, to November 30, 1912, is as follows:

Advanced fares to.....	527 men
Paid or remained season.....	243 men
Did not work.....	284 men
Percentage of men that do not work, but have fares advanced.....	54
Loss in money (fares only).....	\$2,770 55

These fares are advanced with the understanding that the men remain a stipulated period, usually three months. Towards the end of the season the understanding is that they remain until the operations are closed down, when the amount of the fares, which have previously been deducted, will be refunded.

Usually, when the men come to work, the amount of the transportation is deducted from their first or second month's pay. The above company also lost between \$30.00 and \$60.00 per month for room and board for men who remained over night and then refused to go to work.

This is not an isolated instance, for the same conditions obtain elsewhere with the larger lumber companies operating throughout northern California.

Some companies have issued printed instructions for the information and guidance of their employees. One of these reads as follows:

#### NOTICE.

For the benefit of all employees the following rules and regulations must be observed:

1. As the company must earn a profit in order to pay its obligations, all employees must understand that this profit comes from their labor, therefore any employee who does not earn his share of the profit for the company, by putting forth an honest day's work, is putting his own interest in jeopardy.

2. This company does not want, in its employ, men who are continually disinterested and who are complaining over trivial matters, making themselves a detriment to the company and themselves. Therefore, the superintendent is willing and ready at all times to confer with employees who may have complaints or feel dissatisfied, but they must understand that if a satisfactory adjustment to both parties can not be made, their money is ready for them at any time.

3. Any employee appearing on or about the works of this company in an intoxicated condition subjects himself to dismissal.

4. Gambling will not be permitted in the camps.

5. As a majority of the employees desire a night's rest after performing a day's work, all lights must be out in camp at 10 o'clock p. m.

6. Any employee desiring a lay-off during the operating season is expected to make proper arrangements with his foremen.

7. As no charge is made for bunks, each employee is expected to keep his sleeping quarters in a clean and sanitary condition.

8. Superintendents and foremen are expected to see that these rules are observed.

**Application Cards.** Prior to the adoption of the "Workmen's Compensation Act," a number of the companies had installed and were using a system of keeping personal records of their employees, on cards. These cards were of various forms and recorded such data as name, age, single, married, widower, occupation, wages, names and addresses of persons wholly dependent, names and addresses of persons partially dependent; in case of sickness, who should be notified, where born, where last employed, in what capacity, date of entering employment, post office address, and other data.

The following and similar clauses occur on these application forms:

If at any time my services become unsatisfactory to said company, said company may discharge me without notice, paying wages due me to date of discharge.

Wages per day, \$3, less \$1 per month for hospital charges.

I hereby certify that I am a first class — and have this day accepted employment as such with the — Lumber Company at \$— per month.

In consideration of my employment by the company, I agree to assume the risks of the various positions in which I am engaged: to conform to all rules, including those relating to payment of wages, and also to the deduction from my wages of \$1 per month or fraction thereof, for dues for hospital and other beneficial services, also to deduction from my wages of all charges due the company.

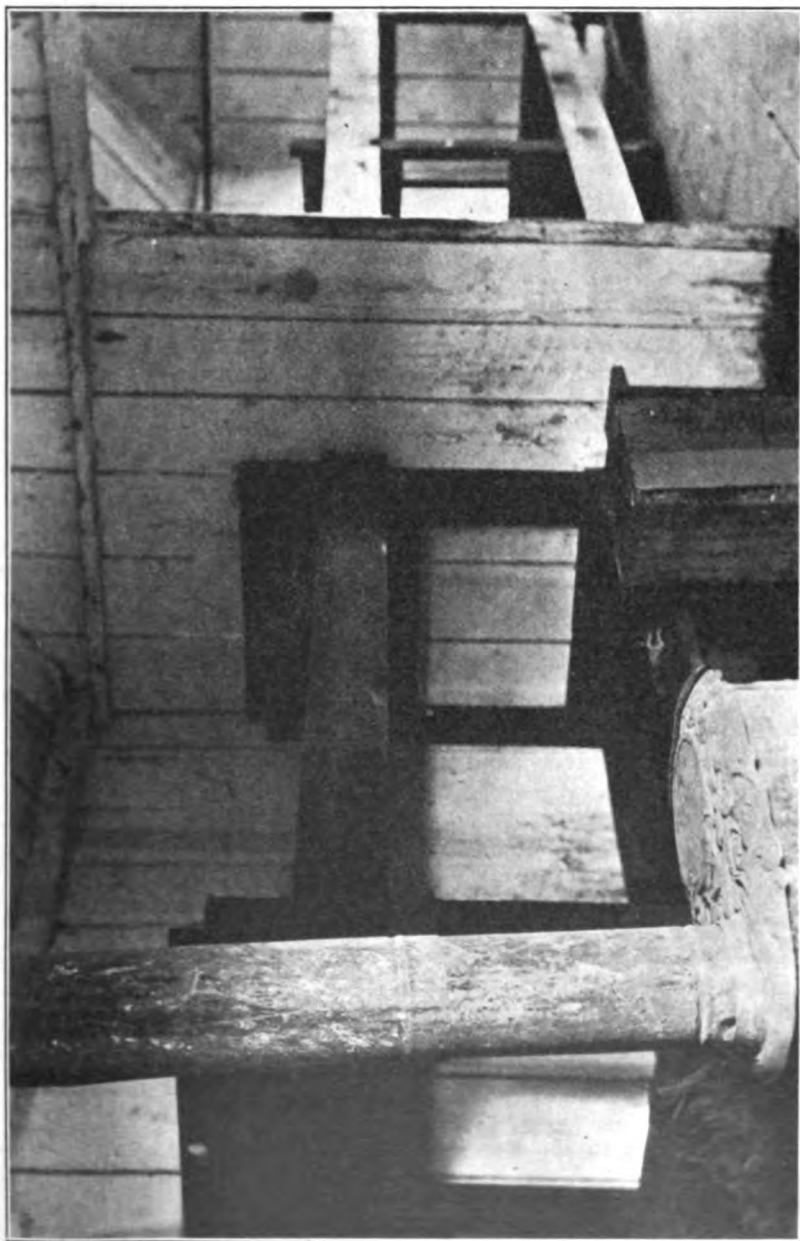
The practical utility of these personal records of employees becomes apparent in cases of accidents where friends must be notified, or reports made to the Industrial Accident Commission, or when verdicts must be returned in inquests. The data is on file in the office for ready reference when needed. Since January 1, 1914, several of these clauses have been modified in respect to the hospital fees and some now read as follows:

You are hereby directed to deduct from my wages and pay over to the company physician, a fee of \$1 for each month to give me the protection of medical and hospital service in case of my illness (not related to or covered by the Workmen's Compensation, Insurance and Safety Act of the State of California) while in your employ. If I am in your employ less than ten days in any one month, the deduction for that month shall be ten cents a day.

Less \$1 to be deducted out of wages for first day's work in each month for cases of illness not covered by Workmen's Compensation, Insurance and Safety Act of the State of California.

Several of the companies are now paying more attention than formerly to the physical efficiency of their employees, and require applicants for certain positions to undergo a medical examination. This will result in the elimination of a certain class of employees, for instance, those who might be subject to attacks of heart failure. As one manager expressed it, "If an employee, subject to heart failure, should fall off a logging train and get run over, how would we know whether the accident was due to his physical condition or the fault of the train?"

Another phase of this increased attention to the matter of the efficiency of employees is shown in the better housing and sanitary conditions which have been installed since the survey was made in 1913.



A view of the interior of a permanent bunkhouse, showing double-deck wooden bunks, ready for occupancy.

**Minors:** By the Child Labor Law, as amended in 1913, no minor under the age of eighteen years shall be employed in laboring in any manufacturing, mechanical, or mercantile establishment or other place of labor, more than eight hours in one day and in no case shall the hours of labor exceed forty-eight hours in a week. The law contains certain other requirements and it is made the duty of this Bureau to enforce the provisions of this act.

Minors are employed in the lumber industry in but two departments:

(1) In the box factories, boys are frequently employed because they are quick and can do many of the operations as well or better than older men;

(2) In the logging camps, boys are used, on account of their alertness, to signal the donkey engineers when to start and when to stop their engines. This is done by means of a wire attached to the whistle of the donkey engine whence the boys get the name of "whistle punks" or "bell hops." In this occupation no arduous labor is involved. The boys usually stand or sit all day, at one place, transmitting signals when necessary. This work is of a very responsible character, involving the lives of the men operating with the logs and cables.

In both the factories and the camps, the usual schedule is ten hours per day, but in several instances the factories operate twelve and one half hours.

Altogether fifty-one boys were found to be employed in violation of the law, and of this number twenty-five were discharged, as the managers could not utilize them efficiently on a forty-eight hour schedule, while the other boys were retained by complying with the law.

The Child Labor Law has been construed, under its present wording, to permit of the employment of minors for ten hours daily, for four days and eight hours on the fifth day—the minors being laid off for the sixth day—or on any other schedule so that they do not exceed forty-eight hours of labor per week, nor "work between the hours of ten o'clock in the evening and five o'clock in the morning."

While any schedule involving over eight hours' daily work may be contrary to the spirit of the law, nevertheless, it complies with the letter thereof, if the total number of hours per week is limited to forty-eight.

It is manifest that such schedules tend to interfere with the continuous operations in the woods or the box factories, in consequence of which some of the managers have felt obliged to discontinue the services of boys under eighteen years of age.

Several of the companies had issued printed instructions to their foremen regarding the employment of minors. One company had issued this notice:

**CONDITIONS OF EMPLOYMENT OF MINORS.**

1. Under no condition whatever will a minor under eighteen years of age be employed by this company, except as cook house help.

Under no condition whatever will a minor under twenty-one years of age be employed by this company in a capacity where the improper or non-performance of his duty could result in injury to others. If a foreman or any one who has the right to employ labor has the least doubt in his mind as to the age of any applicant being that represented, he shall require the affidavit of the applicant and also the affidavit of the parents.

Another company had posted this notice:

**CONDITIONS OF EMPLOYMENT OF MINORS.**

Under no conditions whatever will a minor under sixteen years of age be employed by this company.

Under no conditions whatever will a minor under twenty-one years of age be employed by this company in a capacity where the improper or non-performance of his duty could result in injury to others.

Under no conditions whatever will a minor between the ages of sixteen and eighteen be employed in a department where he is called upon in any way to handle machinery or come in contact with machinery.

Under no conditions whatever will a minor between the ages of eighteen and twenty-one be employed in a department where the machinery is in any sense dangerous.

The statutes of California provide that no minor under the age of eighteen shall be employed more than eight hours in any one day, and that in no case shall the hours of labor exceed forty-eight hours in a week, and if for any reason a minor between the ages of sixteen and eighteen be employed in any department, this rule must be absolutely followed and notice given by signal to such minors when the eight-hour day is finished; and these hours shall be between 7 a. m. and 5:30 p. m. on each day of the week, except Sunday. Such minor must be instructed by the head of the department, and by notice posted in the department where employed, that the handling and touching of any machinery in any form by such employees is strictly prohibited.

If a foreman, or any one who has the right to employ labor, has the least question in his mind as to the age of any applicant being that represented, he shall require the affidavit of the applicant and also the affidavit of the parents, if the parents are residents of ——— County, California.

Another law-abiding company has this notice posted in its places of work:

**TO FOREMEN AND TIMEKEEPERS, REGARDING THE EMPLOYMENT OF MINORS.**

Complying with the new law covering the employment of minors, foremen are hereby instructed not to employ any minor under eighteen years of age except under the following conditions:

That he be not employed between the hours of 10 p. m. and 5 a. m. of any day, and that he only be at work *forty-eight* hours in any one week, and must receive a full week's compensation for same. To accomplish this, foremen are instructed to lay off all minors under eighteen years of age at  $\frac{1}{2}$  p. m. on Friday and all day Saturday, and timekeepers are instructed to allow said minor full time. If he should lay off of his own accord during the week, the time shall be deducted, but this does not change instructions regarding his having to lay off on Friday at 4 p. m. and all day Saturday.



No child under fifteen years of age may be employed at any time without furnishing a permit signed by the juvenile judge, or, during vacation, by his school principal.

No child under sixteen years of age may be employed during school hours without a permit signed by the principal.

Timekeepers are instructed to see that notices of time of labor and records of minors employed be kept and filed with the head office, in compliance with the law which is given below.

(Extracts from Child Labor Law are here quoted.)

A number of companies have entirely discontinued the employment of minors and will make this a rigid rule.

One company has a form of "Minor's Application," to include the name, age, date of birth, name of parents, and address of minors in its employ, and embodying this notice:

#### NOTICE TO EMPLOYEE.

Each employee of ——— Company is hereby warned that working about or in connection with any kind of machinery is more or less dangerous, unless care is observed at all times, and he is directed to apply in person to his foreman for information as to the proper and safe way of doing the work given him, and he is directed to obtain information as to any matter in connection therewith, which he does not understand, and is warned against the operation of machinery with which he is not familiar and the operation of which has not been explained to him, and he is specially warned that he must not engage in any work without having been instructed as to the manner of its performance.

I hereby certify that I have carefully read the foregoing instructions and that I will conform to the same.

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(Minor.)

I hereby certify that the foregoing instructions have been read by me to said minor and are understood by him and me, and that he obtains employment with the ——— Company with my knowledge and consent.

---

(Witness.)

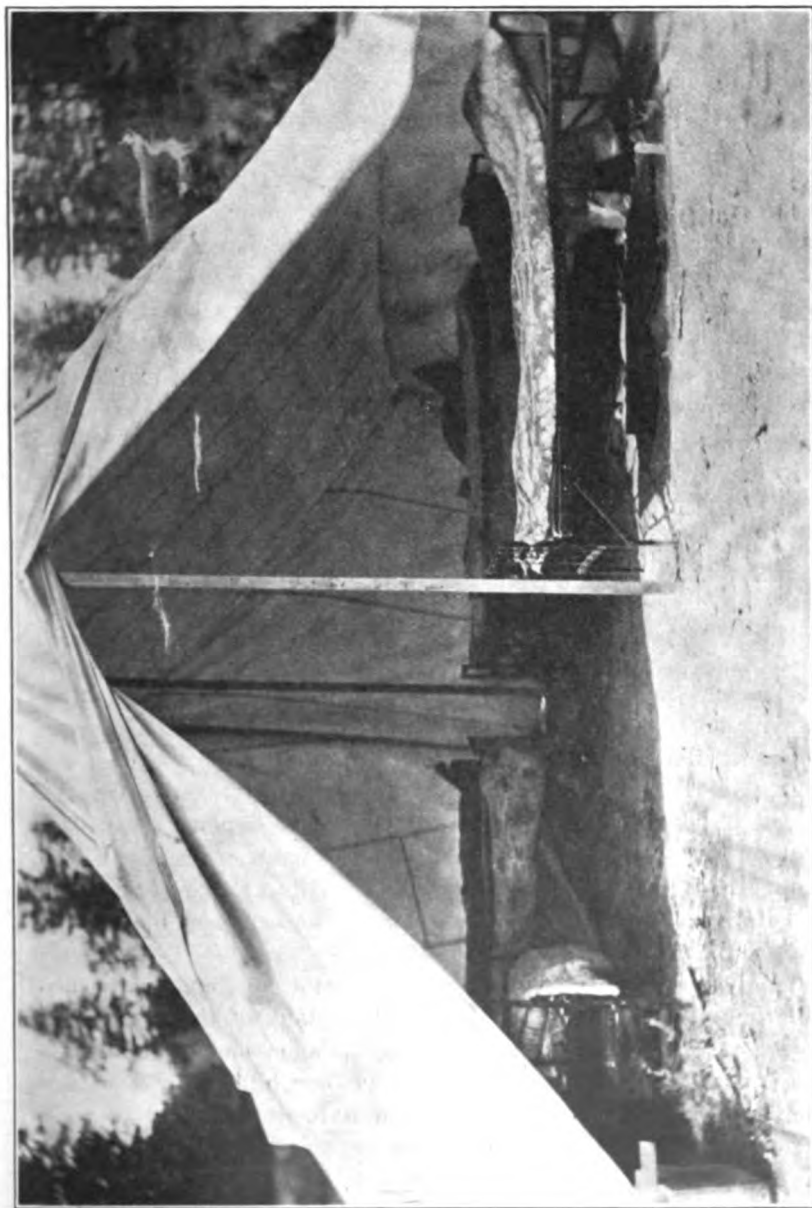
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(Parent or Guardian.)

It is evident from the foregoing notices that the several large companies issuing them have endeavored to comply with the requirements of the child labor law, and have sought to safeguard the interests of their employees by preventing the employment of minors in any capacity where they might injure themselves or others.

The discontinuance of boys in the logging camps is not altogether without its compensations, for the sanitary conditions, the modes of living, and the associations with older men in many of these camps are not always productive of the best influences on a young man at the formative period of his life.

In substantiation of this statement, reference is made to a certain inquest held July 16, 1912, on the body of a whistle punk who was killed "By a falling tree crushing his skull. The accident resulted in his death purely through his own carelessness and the lack of ordinary judgment, on his part, to be expected of an experienced woodsman." This verdict was written by the company's physician, who was the



This view shows single steel bunks, of portable construction, a kind now in general use by the best lumber companies in California. As a result of the inspections of this Bureau, over 4,000 of these steel bunks have been installed.

foreman of the jury, and signed by the other nine members of the jury, who doubtless were also company employees, as they lived in a "company town." The mother testified that "He would have been fifteen years old had he lived until the second day of October." It was brought out at the inquest that the whistle punk had been with some companions the night before and had been drinking; that on the day of the accident, he was not as bright at his work as he should have been; that he was warned to run away from the falling tree, but instead went under it and was killed. His stepfather was employed in the same camp. It is not apparent that a normal boy of fifteen could be expected to have the judgment of an "experienced woodsman." However, the result of his associations is disclosed in the verdict rendered. Nor is it in the evidence why this alleged drunken whistle punk should have been allowed to work in a dangerous position, nor to continue, while in this condition, the performance of duties that might jeopardize the lives of fellow employees.

A manager cited the case of a Russian boy whose father wanted him to go to work. He was given a job remote from the mill, tying up bundles. He went under the mill and hung on a revolving shaft for the fun of it; his clothes got caught and he was hurled around, and before the machinery was stopped, all his clothes had been stripped from him except his socks. The father was offered a certain sum in settlement for the boy's death, refused the offer, brought suit and lost his case.

This manager also cited the case of a boy who, with his sister, was turned out of his home by his drunken father and forced to support himself. He secured a position in the camp, and when his age was found to be sixteen, he was discharged. He was supporting his sister, and pleaded with the manager to give him a place somewhere, as he could not get work elsewhere, and the manager retained him. Instances of this character are covered by the Child Labor Law, which, while permitting the employment of minors, nevertheless limits them to forty-eight hours per week.

Foreigners who live near these plants are, as a rule, anxious to have their boys go to work as young as possible. Many of the minors who were found in the box factories were immigrants, or sons of immigrants.

These boys soon learn of the limitations of the Child Labor Law, and, in order to secure employment, do not hesitate to state that they are over eighteen years of age. One Italian boy, claiming to be eighteen, produced his passport, which showed him to be but sixteen years old.

A twelve-year-old Italian boy was found employed as a driver of a horse, drawing a lumber truck from the saw mill to the lumber yard, where his father was the piling contractor.

Each year this boy had been delayed one or two months in the fall from entering school because his father required him to do this work. After the law was explained to the father, he willingly consented to allow the boy to accompany the special agent to a distant town, where the family lived, in order that he might reënter school. The father then wished to know if he might utilize his sixteen-year-old son, employed in a nearby box factory, who had previously stated that he was seventeen years and eight months old, to perform this work—thus again bearing out the statement that these boys do not hesitate to mis-state their ages.

The manager of this particular lumber company stated that the piling contractor was boarding most of his men, that drunken orgies were of frequent occurrence, and that he was glad the bright youngster was to be removed from such surroundings. This is another instance of the associations that are sometimes found in places where boys are employed.

Most of these immigrant minors, or their parents, have passports, which always show the dates and places of births of the minors mentioned in the passports.

Managers avail themselves of this fact and require the production of passports before employing those who might be under eighteen years of age.

It is a serious problem in the smaller communities as to how minors under eighteen, unable to secure factory work, may be otherwise profitably employed after school hours and during vacations.

**Women.** In 1913, the "Eight Hour Law for Women" was amended and it now reads, in part, as follows: "No female shall be employed in any manufacturing, mechanical or mercantile establishment, laundry, hotel, public lodging house, apartment house, hospital, place of amusement, restaurant, telegraph or telephone establishment or office, or by any express or transportation company in this state, more than eight hours during one day or more than forty-eight hours in one week." This Bureau is specifically charged with the enforcement of the various provisions of this act.

An examination of the pay rolls of the various lumber companies disclosed the fact that women are employed in but few capacities in the lumber industry. Their employment is restricted to the offices, stores, hotels, hospitals, and cook houses. Altogether, of nearly nineteen thousand employees, whose wages were investigated, only one hundred ninety were found to be females.

The eight-hour law applies to those employed in the stores, offices, hotels, and the undergraduate nurses in the hospitals.

A detailed statement of the various departments employing women is presented under the heading of *Camps—Cooks*.

In the offices, women are employed as clerks, stenographers and telephone operators; in the stores, as cashiers, clerks, and cash girls; in the hotels and camps, as cooks, and waitresses. In some cases the last-named are off duty on Sundays, in rotation with other employees.

No complaints were heard regarding their cooking. Their places were well kept and flies were conspicuous by their absence from the dining rooms and cookhouses. They endeavored to keep the premises well screened, and their places were the only ones darkened between meals to keep out the flies. Inquiry of them as to the actual amount of time they are on duty daily, disclosed the fact that they either did not know or hesitated to give the information for fear it might be disclosed to the managers and affect their positions with the various companies.

**Nationalities.** Statistics were obtained of the nationalities of employees of the various lumber companies visited.

In all the districts, Americans predominate as a nationality, in the number of employees, with Italians ranking next. However, all companies do not employ Italians in their logging camps. One important exception occurs, where one company employing upwards of four hundred men in its camps, retains no Italians, yet the same company utilizes them in the various operations around the sawmill.

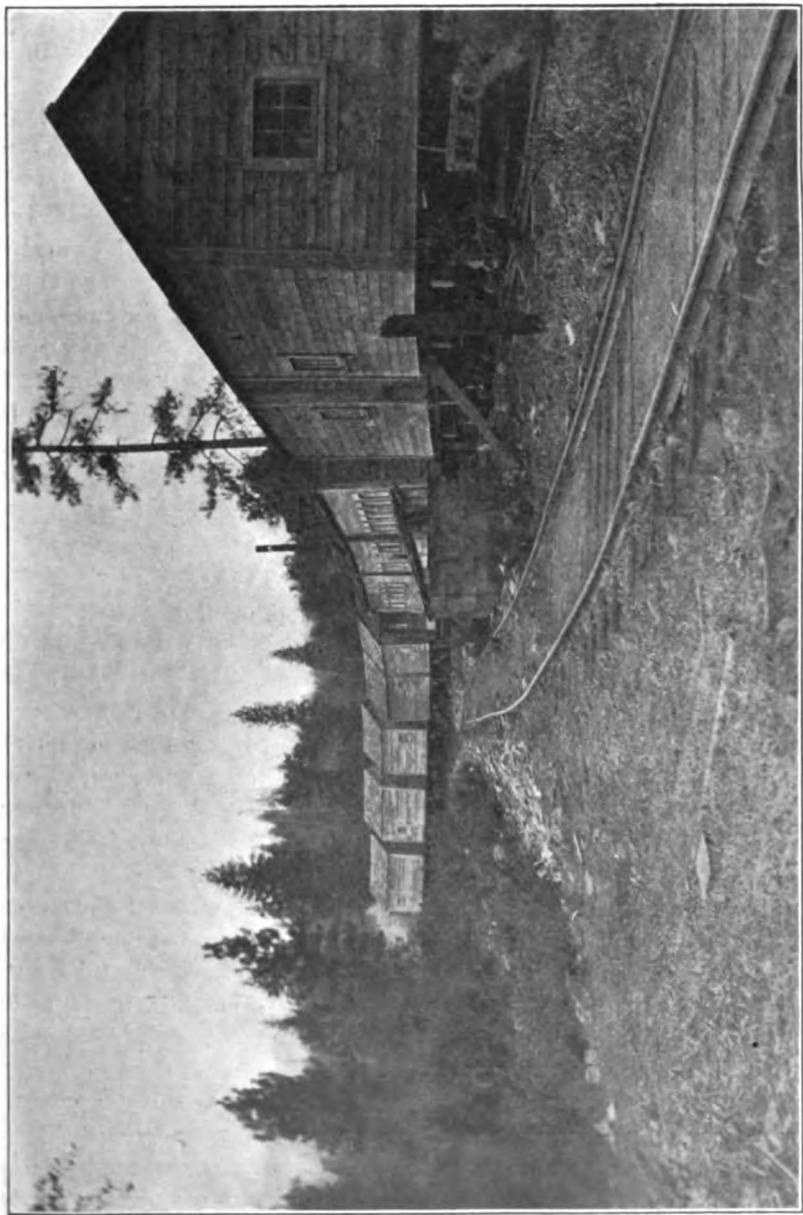
In the northern pine district, there are no Finns employed, and not over twenty Portuguese, Russians, Indians, Mexicans or Austrians.

In the northern redwood district, on the contrary, a large number of Russians, Finns, Austrians, and Portuguese are to be found; in fact, in this district several of the larger companies have very cosmopolitan pay rolls, embracing men from all quarters of the globe. These men bring with them their former habits of living, and, where possible in the towns, live in groups.

In one "company town," the Russians occupied one quarter—the Italians another—while the Americans were housed in another district. Some of the houses furnished by the various companies in this district for the immigrant families, were equipped with bathrooms and toilets, but the former were generally found to be used for the storage of wood and vegetables, while the latter were generally found out of order, due to improper or deliberate misuse.

One manager stated that he had found it a good plan to keep nationalities mixed, presumably to prevent any collusion or labor combination among the men. No labor organization is maintained at any of the plants engaged in the production of lumber.

It is a noteworthy fact that the heavy work, such as the handling of lumber, is largely done by foreigners, principally Italians, Greeks, Swedes, Portuguese, and some Spaniards. Very few Americans stay with this occupation any length of time. One company, in the northern



Eight frame bunk cars, ten feet wide by twenty-four feet long, each car equipped with double-deck wooden bunks. These cars are shifted from place to place as the logging operations progress.

pine district, employs ten Hindus for piling lumber; another has Spanish Basques for this occupation; while another company, in the southern pine district, employs seventeen Chinese for sorting, trucking, and bundling lumber to go down their flume. These are the only instances in the state of the employment of these nationalities in the handling of lumber.

But two Japanese are employed in the capacity of cooks, while one hundred thirty-three Chinese are employed in cook houses, and two Chinese to operate camp laundries.

Mexicans are employed to some extent, in the southern pine district.

The Americans occupy the principal positions with all companies, and "white men" are generally preferred where they may be obtained. A "white man" has been well defined as a "laborer of any nationality who speaks English, eats American food, and travels alone." Foreigners are "those who speak no English, travel and work in gangs under the leadership of an interpreter and board themselves in their native fashion."

It is alleged that the Italians from the northern and southern portions of Italy do not work well together.

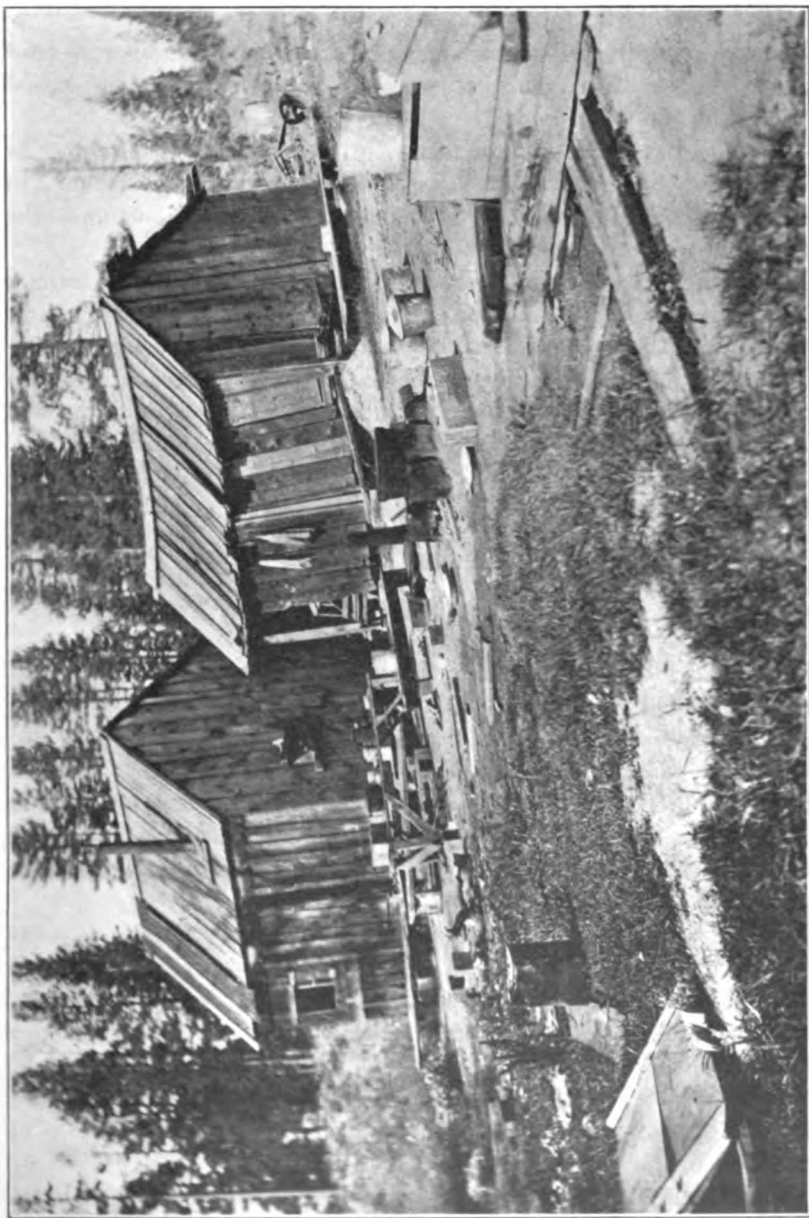
The Sicilians, or southerners, are stated to be quarrelsome, and at least one large company will not employ them.

An Italian interpreter examines the passport of every Italian applicant before he can be employed, and advises the company regarding the applicant.

**Wages.** Employees are paid by the hour, day, month, year, or on a contract basis. A wide variation exists in the practice of different companies in paying their wage-earners for the same class of work, either by the hour, day, or month. In some cases, the monthly wages include board, while, in other cases, a stipulated amount is deducted, as is mentioned hereafter.

Efficiency records were secured from the companies of the number of days which the employees had worked during the month under investigation. While other considerations may be factors in this matter, data secured at camps on the number of days worked during one month, tend to show that, in those camps where board is included with wages, the employees are more permanent than elsewhere. In such cases, the men receive continuous board, when the operations are interrupted by bad weather or other causes, and the company stands the expense.

A number of companies, however, are adopting the hour system as a logical basis for payment of wages, in order to forestall any disputes as to what amounts are due for overtime or should be deducted for lost time, and have fixed charges for board, either by the meal or by the month.



View of the only "camp" of Hindus employed in lumbering operations in California. Located on low ground where surface water from a stable near by may seep into the well shown at the right.



Contract work is confined to those operations where a definite basis may be had for the payment of wages. This includes saw filers, lumber pilers, handlers and sorters; buckers and fallers; shingle sawyers, packers, and jointers, also tie makers, wood choppers, etc.

When the handling, trucking, sorting, or piling of lumber is paid for on a contract basis, the men receive so much per thousand board feet for doing the work.

Either one man, or a crew of men, may undertake the contract. In the former case, the contractor hires his men by the day or hour; in the latter case the money is divided among the crew in proportion to the time each member of the crew has worked.

The sawing, jointing, and packing of redwood shingles is sometimes paid on the basis of a "thousand," Oregon count, or California count.

Buckers, who saw the trees into sixteen or thirty-two foot lengths, are paid by a few companies on a contract basis, the rates averaging around \$0.18 per thousand feet for 32-foot pine logs, to \$0.25 per thousand feet for 16-foot pine logs; the former lengths being cut in "donkey camps" and the latter in "wheel camps," where ten or twelve foot "Michigan wheels" are drawn by horses to haul the logs.

Fallers, who chop down the trees, may contract to be paid on the basis of a thousand feet, as scaled.

Wood choppers, on contract, are paid by the cord. Tie makers, making railroad ties, are paid by the number of ties they produce.

Except saw filers, the foregoing are sometimes paid by the amount of lumber handled, shingles made, or quantity of other work done. In other cases, they are paid by the hour, day or month. Saw filers, in the sawmills, are paid from \$5 to \$20 net, per day, by contract, the wide variation being due to the responsibility attached to the positions in various plants. They hire their own help, but receive such compensation as will net them from \$5 to \$20 per day. The band sawyers receive from \$5 to \$8 per day.

Upon the saw filers and band sawyers depend almost entirely the daily outputs of the various sawmills, and, for this reason, they are better paid than the other wage-earners.

Wage schedules of over 18,500 employees in the lumber industry were secured and have been classified separately for each district, by departments, but the work involved in determining the average wage in each occupation was too considerable to be completed in time to be included with this report.

In the absence of average wage determinations in the pine and the redwood lumbering occupations the following comparisons are offered.

This table is based on the statistics secured of the wages paid by two large and representative companies, one in Siskiyou, and the other in

Mendocino County. The first named is in the pine belt and the latter county is in the redwood belt.

**Comparative Table of Wages Paid by Representative Companies Operating in the Pine and the Redwood Districts.**

Departments	Occupations	Wages	
		Siskiyou	Mendocino
Sawmill -----	Day foreman -----	\$140 00	\$125 00
	Band sawyer -----	7 00	6 00
	Setter -----	3 50	62 00
	Dogger -----	2 50	52 00
	Off bearer -----	2 50	57 00
	Edgerman -----	3 50	95 00
	Tail edgerman -----	2 25	52 00
	Engineer -----	125 00	80 00
	Oiler -----	2 75	67 00
	Fireman -----	2 75	72 00
	Slipman -----	2 50	47 00
	Scaler -----	2 75	62 00
	Trimmerman -----	2 75	62 00
	Tail trimmerman -----	2 25	52 00
Camps -----	Foreman -----	135 00	87 00
	Foreman (crew) -----	4 75	112 00
	Head choppers -----	3 00	67 00
	Head fallers -----		
	Second choppers -----	3 00	62 00
	Second fallers -----		
	Engineer, donkey -----	3 75	72 00
	Spool tender -----	2 75	62 00
	Fireman -----	2 25	52 00
	Wood buck -----	2 25	
	Bucker -----	3 00	57 00
	Sawyer -----		
	Saw filer -----	110 00	72 00
	Swamper -----	2 25	57 00
	First cook:		
	White -----	*3 00	None
	Chinese -----	None	*55 00
	Hooktender -----	4 75	72 00

\*With board.

The cost of board per month at the above-named logging camps are as follows: Siskiyou, \$22.50; Mendocino, \$12.00.

The Mendocino rates are paid on the basis of a month, which may contain twenty-five to twenty-seven working days.

The Bureau of Labor Statistics of the United States Department of Labor, in Bulletin No. 129, has attempted a classification of the "wages and hours of labor of employees in the lumber, mill work, and furniture industries," and chose fourteen establishments in this state for the purpose of determining the average wages paid in these industries in California.

There is such a wide variation in the wages of employees in the pine and redwood lumber operations, due partly to the differences in the board charged in these districts, that it seems wiser and more representative to secure averages in these two districts, separately, rather than of them together.

As the average wages in the various occupations, by districts, has not yet been determined, it is not practicable at the present time to make definite comparisons of the wages in the pine and redwood districts.

While the classification, by departments, as shown by the table, of the number of employees in the pine and redwood districts, indicates that there are 11,078 in the pine districts and 7,482 in the redwood districts, the latter number should be increased by approximately 1,500, as a number of lumber companies and camps had closed down when the survey was concluded at Christmas, 1913.

According to the census for 1909, the total amount paid to 25,079 persons engaged in the lumber industry in California was as follows:

Officials .....	\$ 1,343,978 00
Clerks .....	893,347 00
Wage-earners .....	15,651,040 00
<b>Total earnings .....</b>	<b>\$17,888,365 00</b>

This is the largest amount paid for services in any manufacturing industry during the year 1909.

The cost of materials was .....	\$18,369,000 00
Value added by manufacture .....	26,631,276 00
<b>Total value of products .....</b>	<b>\$45,000,276 00</b>

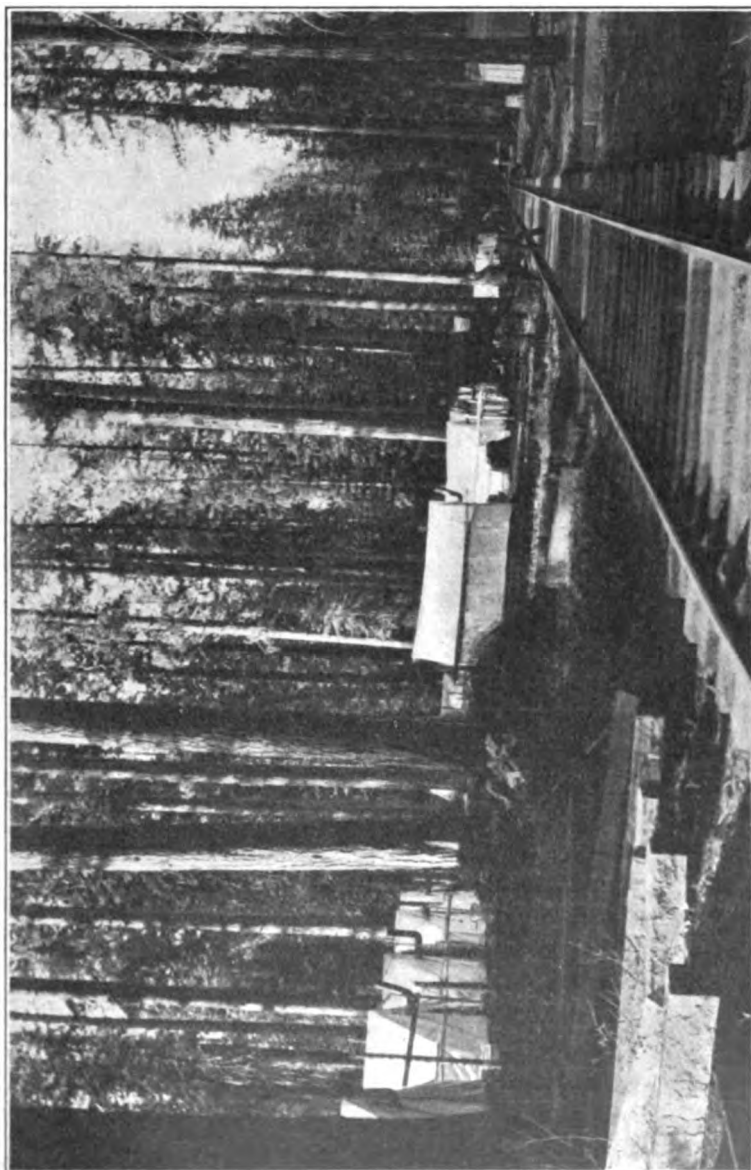
Statistics, respecting wages and other items, as furnished by various lumber companies to this Bureau in the "Annual Statistics of Manufactures," for the year 1913, are elsewhere reported.

**Payment of Wages.** Ordinarily, wages are paid by negotiable check on or before the fifteenth of the month succeeding that in which the wages are earned. A decided advance step in safeguarding the interests of employees in this matter, was taken by the 1911 legislature in passing a law relating to the mode of payment of wages, which reads as follows:

Section 1. No person, firm, or corporation engaged in any business or enterprise within this state shall issue, in payment of or as an evidence of indebtedness for wages due an employee, any order, check, memorandum or other acknowledgment of indebtedness, unless the same is negotiable, and is payable upon demand without discount in cash at some bank or other established place of business in the state; *provided, however*, that the provisions of this act shall not apply to counties, cities and counties, municipal corporations, quasi-municipal corporations, or school districts organized and existing under the laws of this state.

(Chapter 92, Statutes of 1911.)

It may be stated that the law is very generally observed, though one violation was found.



Tents and bunkhouses are often placed alongside of and parallel to the logging railroads. This well arranged camp is in the Northern Pine District.

Another law, similarly enacted, fixes the time when the wages must be paid. This law reads as follows:

Section 1. Whenever an employer discharges an employee, the wages earned and unpaid at the time of such discharge shall become due and payable immediately. When any such employee not having a contract for a definite period quits or resigns his employment the wages earned and unpaid at the time of such quitting or resignation shall become due and payable five days thereafter.

Section 2. All wages other than those mentioned in section 1 of this act earned by any person during any one month shall become due and payable at least once in each month and no person, firm or corporation for whom such labor has been performed, shall withhold from any such employee any wages so earned or unpaid for a longer period than fifteen days after such wages become due and payable; *provided, however*, that nothing herein shall in any way limit or interfere with the right of any such employee to accept from any such person, firm or corporation wages earned and unpaid for a shorter period than one month.

(Chapter 663, Statutes of 1911.)

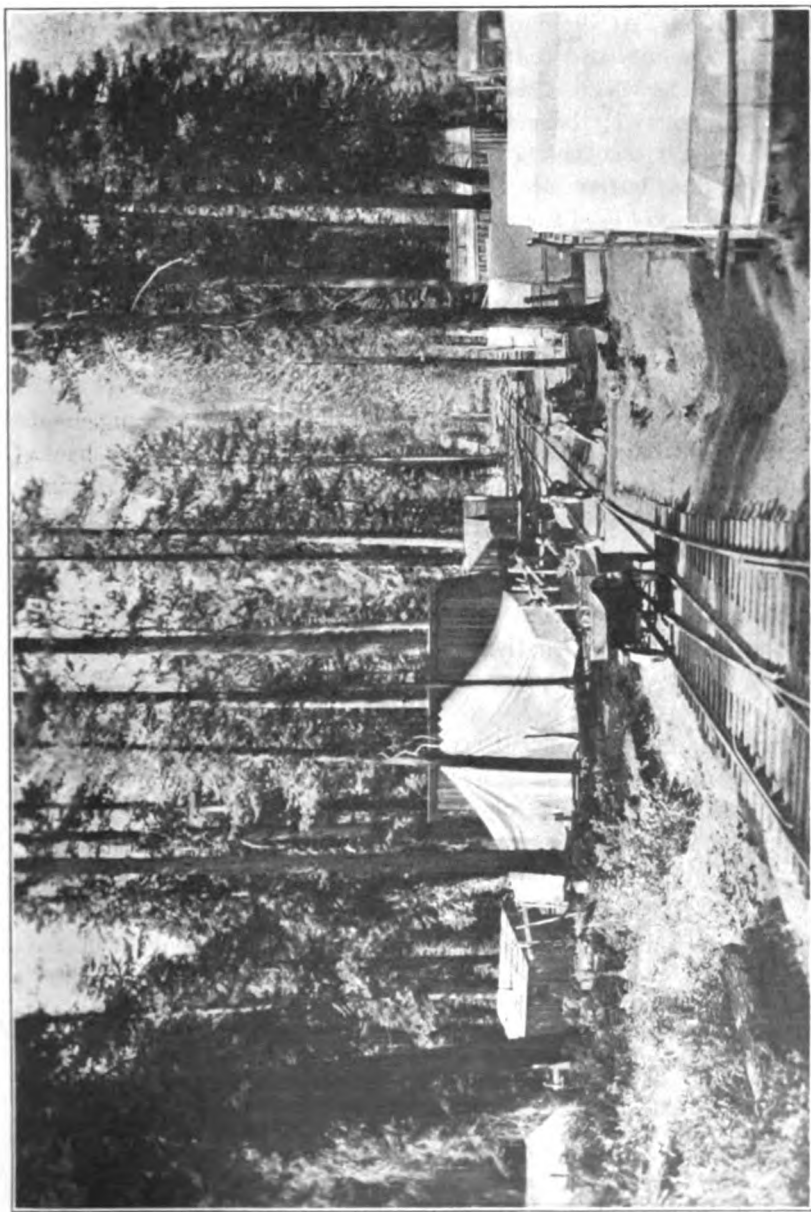
Reference is made in the reports of the various districts as to the observance of this law.

In this connection, it may be stated that an employee who quits or is discharged, is generally paid with the least possible delay, in order that he may have no reason for remaining on the premises, it being assumed that such an employee will be a detriment and his presence thereafter very undesirable.

It is customary for the foreman or timekeeper to give the woodsmen who leave the employ of any company, memoranda, called "time checks," stating the amount of "time" due them. These are to be presented to the cashier in the office at the sawmill or town, as a basis on which to issue his checks. When an employee may arrive at the office, conveniently, by logging train, there is no apparent objection to this procedure, but when he must go some thirty to sixty miles, by stage, passenger train or other common carrier, to reach the office, this mode may be inconvenient or expensive and many objections have been found to this practice in such instances.

One company issues a check, "subject to offsets at the company office," sixty miles away, which apparently makes it non-negotiable for its face value until it has been accepted by the head office. However, this is the only instance of this kind that was found. The present general practice of paying employees by negotiable check prior to the fifteenth of each month is a wonderful advance over the former custom of paying whenever convenient, or by the use of duebills, payable months ahead.

Checks may be drawn in accordance with the law, payable in cash, without discount, at some bank or other established place of business in the state. Where the companies do not operate banks in conjunction with their business, the checks are usually drawn on some nearby bank, or, are sometimes drawn on the company at its main office.



A view of a sanitary camp among the pines. An automobile on trucks, used by the woods superintendent to visit the various camps, is also shown.

One company has a unique and efficient system of combining its time records with the issuance of checks for wages. The timekeeper carries a pad of checks, noting daily, for each employee, his time on the reverse side of the check. At the end of the month, the extensions are made, deductions are noted, and the net amount due an employee is entered on the reverse side, which is the face of the check. The checks are then signed and numbered; the amounts and deductions are entered, and segregated, in the cashbook, by the bookkeeper, and then the checks are ready for distribution.

Colored checks are used for the various departments, as follows:

- White for General Office.
- Brown for Railroad Company.
- Blue for Woods and Construction Gangs.
- Pink for Factory.
- Green for Mills.
- Yellow for Yards.

This was the only instance found of this convenient arrangement being used, which dispenses with the necessity of keeping time books and issuing memorandum slips at the end of the month, thereby saving an immense amount of clerical labor, with no loss of efficiency. Should a check become lost, a new one is issued on the record as shown by the cashier's ledger.

Many companies issue "time cards" to their employees monthly, and the timekeepers must punch these once or twice a day, depending on whether the employees are present or absent. This is an assurance to the worker that he has been credited by the timekeeper for his presence, and serves as a check to prevent errors and omissions. Disputes at the end of the month are thereby averted, as corrections can be made daily.

For instance, if a worker happens to be elsewhere when the timekeeper arrives, his ticket is not punched, but the matter is rectified at the next visit of the timekeeper.

**Assignment of Wages.** In addition to the above mentioned laws, the following act, having a lesser application to the employees of the lumber industry, was enacted last year:

**Section 1.** A new section is hereby added to the Civil Code of the State of California to be numbered nine hundred fifty-five, and to read as follows:

955. No assignment of, or order for wages or salary shall be valid unless made in writing by the person by whom the said wages or salary are earned and no assignment of, or order for, wages or salary made by a married person shall be valid unless the written consent of the husband or wife of the person making such assignment or order is attached to such assignment or order; and no assignment or order for wages or salary of a minor shall be valid unless the written consent of a parent or the guardian of such minor is attached to such order or assignment. No assignment of, or order for, wages or salary shall be valid unless at the time of the making thereof, such wages or salary have been earned, except for the neces-

sities of life and then only to the person or persons furnishing such necessities of life directly and then only for the amount needed to furnish such necessities. Any power of attorney to assign or collect wages or salary shall be revocable at any time by the maker thereof.

(Section 1, Chapter 287, Statutes of 1913.)

The foregoing was designed to prevent the assignment of wages for gambling debts, and similar purposes, and to protect the interests of the families of employees.

Many managers will not recognize orders, or assignments for wages, and hold the salary checks for the employees, unless these are attached.

**Banks.** Three large lumber companies operate banks in conjunction with their business, and do a regular banking business. One of these companies occasionally has meetings of its employees for the purpose of discussing matters of common interest. The officials had noticed that the bank deposits never seemed to go above a maximum of about \$40,000 and inquiry disclosed the interesting information that many employees had an idea that if the company discovered that they were able to get ahead and increase their savings accounts, there would be no chance of securing increased wages and every chance of having their wages reduced.

The manager explained to the men at one of these meetings that he was interested in helping the men to save; that those men whom he found could conserve their own property, could also conserve the company's property, and that they were the employees whom the company wish to retain and encourage. Inside of a week, over \$70,000 of additional deposits were placed in the bank,—one garbage collector depositing his hoard of \$1,700.

Postal savings banks are available in many places, but information relative to the amount of their deposits, or the amount of foreign money orders issued at various post offices, patronized largely by lumbermen, was not available.

It is known, however, that large sums are sent abroad each month, by immigrants, and some of them eventually return, with their savings, to reside in their native land.

As employees are able to secure the ordinary necessities by the use of coupon books or store credit, it not infrequently happens that they do not call for their checks, or deposit them for collection, until the season's work is completed, or until they have made their "stake." This is a term in more general use in railroad construction camps, where those men who do not remain long are referred to as "short stake artists."

**Advances.** The giving of money or credit to an employee, prior to the usual pay day, may be termed an advance on his wages, and the transaction is effected in one of several ways, viz:



1. *Cash.* One company was found which, upon request, gives its employees cash advances for which they receipt in a book kept for this purpose;

2. *Orders.* One company honors orders of employees, presented to its bank for portions of wages due employees prior to pay day. To show to what extent this practice may be carried, it is stated that the cash advances on salary during the month of August, 1913, for this company, amounted to \$5,304.55. The bank which honors these orders makes a nominal charge for its services in the matter; 1,880 employees of this company were paid \$118,741.38 during this month.

3. *Store credit.* Where coupon books are not used, store credit is often extended, and the store retains a carbon copy of the bills of goods sold. The amounts of these bills are deducted each month from the wages due employees. This method requires a close watching of the accounts of employees, in order to forestall the overextension of credit. One manager stated that the wages are often attached, and his company loses money thereby.

4. *Paper money.* One company issues numbered paper slips to serve the purpose of currency. These slips are 2½ inches by 4 inches in size and are of the denominations of 5 cents, 10 cents, 50 cents, and \$1. They read as follows:

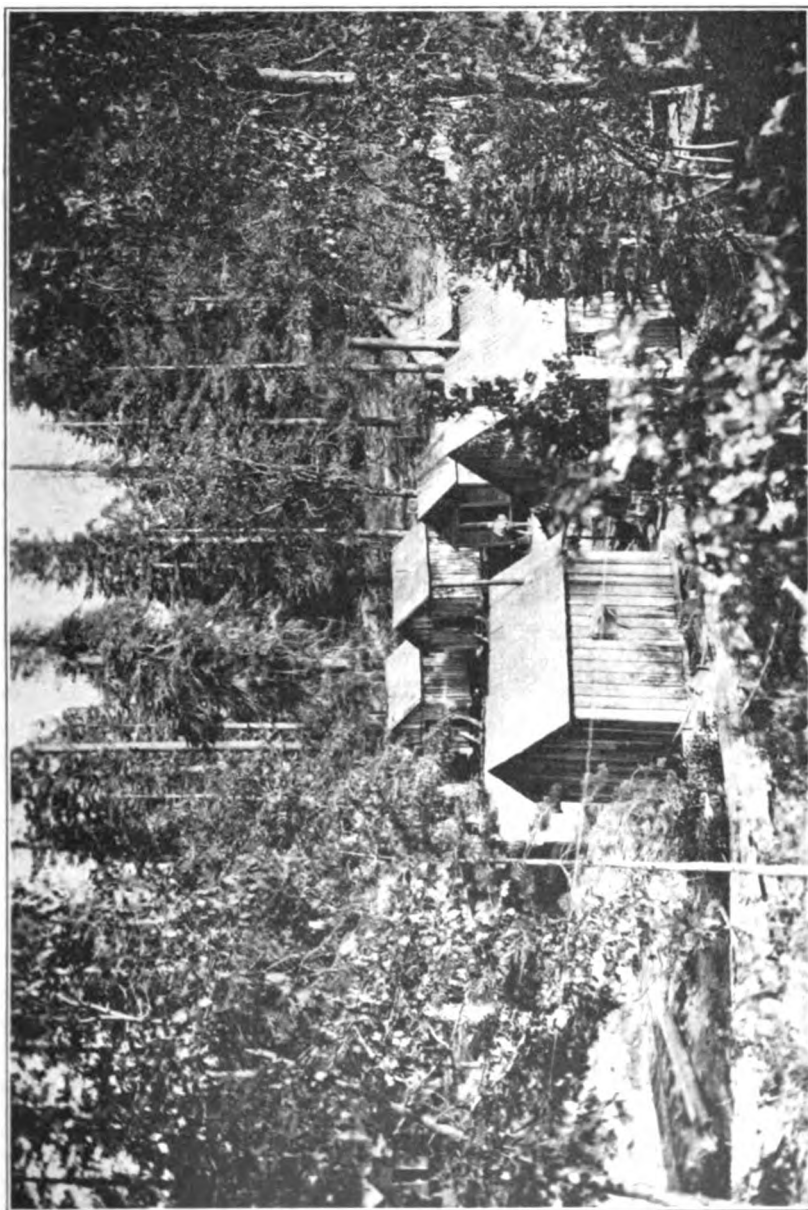
"Due the bearer, one dollar, in goods only, at the store of ———," and are countersigned by a company official. The reverse side states that "After name has been signed or printed on the other side, this coupon is good for face value in trade at ———, dealers in general merchandise."

5. *Coupon books.* These are generally 2½ inches by 5 inches in size, having light cardboard covers, enclosing coupons varying in value from 5 cents up to \$1.25, and these books are issued in denominations of \$1, \$2, \$2.50, \$3, \$5, \$10, and \$20. All of these books have spaces on the front covers for the names of employees to be written in or signed. Various requirements, respecting their use, are noted on the covers, several of which read as follows:

"Always bring this book with you. Do not lose this, as it is the same as cash. Do not tear the coupons off. Hand to the clerk and he will detach the amount you have purchased. Employees leaving the company's service will receive cash, without discount, for the unredeemed portion of this coupon book."

"The coupons in this book are good only for merchandise and will not be replaced if lost. They are not transferable, and will not be honored if detached from this book."

"Issued to ———, and not transferable. These coupons will be received for their full face value in merchandise, if not torn out, and if presented by the person to whom issued. Do not tear them out yourself, but hand your book to the clerk who will tear out the amount of your purchase."



Portable bunkhouses, that may be loaded onto logging cars and moved elsewhere, are here shown in a pine forest.

The non-transferable clauses are inserted to prevent the use of these books for gambling or other purposes foreign to their intended use, which is to enable the owner to secure merchandise at the company stores only, without the use of money.

Only one company states, on its coupon books, that it will redeem the unused portions of coupon books to employees, though this is the general practice, nevertheless. The extent to which such books are used by employees of one company may be well illustrated by the fact that in August, 1913, this company paid 1,880 men the sum of \$118,741.38, and issued coupon books having a total value of \$5,261.00, as shown by the following table:

Book value	Towns		Campa		Totals	
	Books	Value	Books	Value	Books	Value
\$1 00	38	\$38 00	549	\$549 00	587	\$587 00
3 00	29	87 00	189	567 00	218	654 00
5 00	166	830 00	90	450 00	256	1,280 00
10 00	141	1,410 00	21	210 00	162	1,620 00
20 00	43	860 00	13	260 00	56	1,120 00
Totals ---	417	\$3,225 00	862	\$2,036 00	1,279	\$5,261 00

During this same month, the sum of \$68.05 was refunded for coupon books, returned by fifty-seven of the three hundred ninety-nine men who quit during the month. To show to what extent their use was a factor in the store business in this large company town, it may be stated that during this month of August, 1913, twenty-nine per cent of the business was on a cash basis, eight per cent on coupons, thirty-four per cent represented charges to tourists, summer residents and others, and twenty-nine per cent were charges to departments of the company.

Coupon books are issued only upon the request of employees, as a matter of accommodation, in the intervals between pay days, and not on pay days, in payment for wages.

Their use greatly facilitates the store bookkeeping, superseding the necessity for an extensive credit system.

A test case involving the use of coupon books was tried in Siskiyou County this year, and decided in favor of the company. Further mention of the use of coupon books by various companies will be made hereafter.

**Hospital Fees.** Prior to the effective date of the present Workmen's Compensation Act, i. e., January 1, 1914, various companies had uniformly deducted a hospital fee of one dollar per month, which insured hospital care and treatment for the employees while sick or injured. On this subject, various companies had issued printed regulations, copies of which are herein quoted.

In most cases, the companies made no accounting to employees for the hospital fees so received, and generally applied them in whole, or in part, to the hospital maintenance, and toward claims for damages.

There is no state law on this subject of hospital fees, so various companies make the arbitrary deduction whether or not they are adequately equipped to render the proposed medical attention.

A number of the companies have well-equipped hospitals, while others, not so fortunately situated, depend upon nearby doctors to furnish necessary medical aid. It is easy to see that in the case of the larger companies, employing from five hundred to fifteen hundred men per month, the hospital fees collected each month amount to a considerable sum.

There is no uniform practice as to when the dollar fee is due, that is to say, if an employee works the first and second days of the month, the fee may be deducted by some companies, while a few companies deduct at the rate of ten cents per day for the first ten days, making a total of one dollar per month. In another case, a company charges twenty-five cents per day for the first four days, or one dollar per month. Other instances will be cited hereafter.

As elsewhere mentioned, several private hospitals in and near Eureka have "hospital tickets," which they sell at the rate of one dollar per month, or ten dollars per year. These entitle the holders to medical and hospital care in case of sickness or accident.

One of these hospitals announces in its illustrated poster that:

Labor in the woods of Humboldt has worse risks than men in battle. The risk is every day and there is no escape from it. From every camp and mill, there is a procession of injured workers.

The accidents that happen are frequently serious and involve long waits for "repairs." Such "repairs" cost money at a time when a man is often broke. The care a man receives after an accident often fixes him for life.

Fortunately, there is no need for hardship in case of an accident or sickness if a man looks ahead.

A few men have worked in the woods for years without a scratch, but you will admit they are very few and you have no guarantee that you belong to the lucky number.

The foregoing is certainly not an optimistic survey of the conditions that confront woodsmen in Humboldt County, or elsewhere.

The cost of insurance under the workmen's compensation law is presumed to be charged against the profits of the companies, but in the case of those which have not reduced their hospital fees, it is probable that a portion, at least, of these fees is now applied towards liability insurance, while they are only intended to cover medical attention.

Copies of the hospital regulations of several companies are here given to show some of the limitations applying to the hospital and medical service rendered to employees:

#### HOSPITAL REGULATIONS.

A hospital fee of \$1 per month or fraction of a month, will be collected from all employees of ——— Lumber Company, at ———. This entitles employee in case of illness or injury contracted while in the company's employ to receive treatment at the company's hospital.

Medicine, dressings, and professional attention included.

*Diet and nursing* only while confined in the hospital.

Disease requiring abdominal operations and specialist's care are not covered by this fee, on account of lack of facilities, which are only obtainable in large cities.

This fee will not cover venereal diseases or conditions arising from intoxication, nor care after a patient leaves the hospital, at ———, if obliged to leave for the city or home for purposes above stated, nor professional attention to employees' families.

By order

———— LUMBER COMPANY.

#### NOTICE TO EMPLOYEES.

##### Regarding Hospital and Accident Benefits.

We have arranged with the ——— Hospital to care for all sick or injured employees at the rate of 65 cents per month per man. For this amount, Dr. ——— agrees to do all operative work, medical work, to furnish special nurse whenever necessary, to furnish all bandages, dressings and medicines, to supply private rooms to badly injured persons whenever necessary, and, in fact, to do all for an injured or sick person that a first-class hospital can do—alcoholism and venereal diseases excepted. Also to give our employees the following special reduced rates for caring for their families:

Office visits.....	\$1 50 per visit
House visits in town limits.....	2 00 per visit
Confinement cases in town.....	20 00

For members of families of employees, who wish to use the hospital, \$12.50 per week for private room, including all hospital care and service of physician (operations not included). But special rates lower than the regular rates to be given in every instance for operations.

We have made this arrangement with Dr. ——— and are starting this hospital and accident benefit scheme with a sincere desire to benefit our employees, and at the end of six months or one year, if it does not prove to be a benefit to our employees, we will discontinue it.

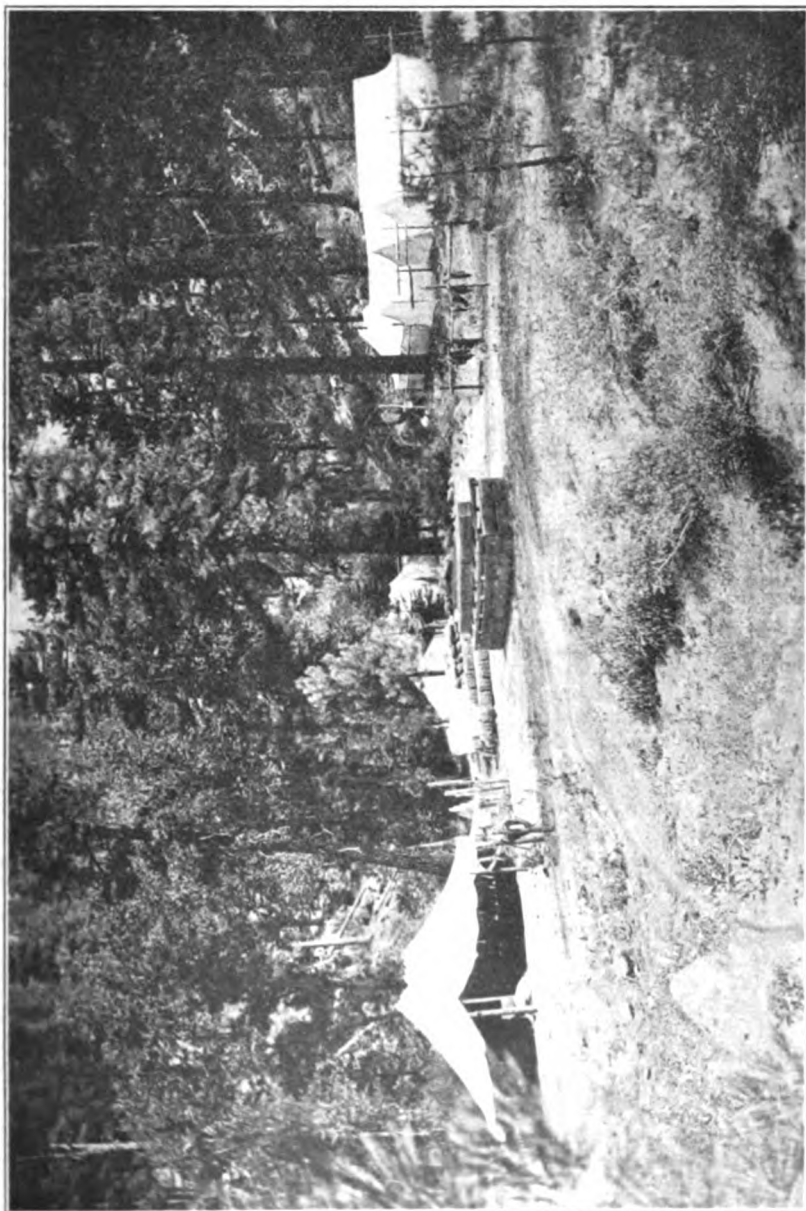
We propose to charge each employee, beginning March 1, 1910, ninety cents per month for hospital care and accident benefit fund.

Of the amount so received, sixty-five cents per month per man will be paid to the ——— hospital, for hospital care and special rates, as above outlined, and the balance, or twenty-five cents per month per man, will go into an accident benefit fund, this fund to be used as follows:

For purchasing artificial limbs for employees maimed in working for us, and for giving a benefit of \$5 per week to all employees injured in working for us during the period of their disablement, beginning with the second week and up to a limit of ten consecutive weeks.

This accident benefit of \$5 per week will not be given to employees who have been injured previous to this date.

Accident benefits as outlined above will be paid only upon presentation of certificates signed by Dr. ———, showing that the employee is unable to work and is entitled to receive the \$5 per week benefit.



A railroad construction camp showing proximity of stable tent to cook tent and bunk tents. A very insanitary camp where manure and flies are much in evidence.

If this accident benefit fund should prove not to be large enough to make the payments as above outlined, we will contribute to this accident fund up to the amount of \$1,000 per year, and if this accident benefit fund proves to be larger than is necessary, either the rates will be reduced or the benefits increased.

When any employee starts to work during a month, he will not be charged for hospital and accident benefit fund until the first of the next month, thus receiving part of a month hospital and accident benefit fund free, provided said employee does not leave our employ before the end of that month, for in that case they will be charged for a full month.

On the other hand, any employee leaving our employ during any month will be charged for that month in full. And in order to put our present employees on the same footing with those who may go to work later, all our present employees will receive hospital and accident benefits from the fifteenth day of February until the first of March, 1910, for which no charge will be made.

All injured and sick employees will be charged for hospital and accident benefits the same as though they were working.

Statements of this hospital and accident benefit account will be posted frequently.

(Signed). \_\_\_\_\_.

#### REGULATIONS OF HOSPITAL DEPARTMENT.

##### *Contributions.*

A contribution of one dollar (\$1.00) per month for hospital department will be collected by deduction on pay roll from all employees of the company. This contribution will be due on entering the company's service, and thereafter will be due for and apply to each month, or part of a month, while in the service.

##### *Benefits.*

The following benefits will be given contributors to the department, subject to the regulations hereinafter laid down, namely:

- (a) Hospital care.
- (b) Medical and surgical treatment.
- (c) Medicines and surgical dressings.

##### *Hospital treatment.*

Hospital treatment, under the care of the surgeon of the department, will be provided at the hospital at \_\_\_\_\_. Cases that require special care and nursing, or that have not proper facilities at their homes for satisfactory treatment, can be sent to the hospital.

Surgeon will determine what treatment a patient should have, where it should be given, when a patient should go to the hospital, and if he or she refuses to comply with the surgeon's instructions or to go to the hospital after being advised that he or she can be safely removed there, then the patient will not be entitled to further treatment at the expense of the department on account of that injury or sickness.

Board and nursing will not be furnished outside of the hospital.

When possible, all hospital cases should be sent to the hospital. Patients will be discharged from the hospital when, in the opinion of the surgeon in charge, they do not require further treatment there. Should patients insist upon remaining in the hospital to save expense of board and lodging, when no longer requiring hospital treatment, surgeon will promptly refer the matter, with full particulars to the company office.

##### *Medical and surgical treatment.*

Medical and surgical treatment will be given employees with the same consideration and care given patients, and by physician and surgeon in charge.

##### *Medicines and surgical dressings.*

Medicines prescribed for employees by surgeon will be furnished free of charge by the surgeon, except patent and proprietary remedies.

*Who will be given benefits, and under what restrictions.*

Only contributors to hospital department will be entitled to benefits, and no part of any contributions made by them shall be used for any other purpose. Benefits will be given subject to the following restrictions, to wit:

(a) Benefits will not be given for ailments due to venereal diseases, intemperance, vicious habits, injuries received in a fight or brawl, or unlawful acts.

(b) Benefits will not be given for any chronic disease or disability acquired before entering the employ of the company. Many diseases and disabilities are of a progressive character, and the fact that they have become more troublesome after entering the service will not warrant free treatment.

(c) Benefits can not be given to employees afflicted with such diseases as smallpox, yellow fever, bubonic plague, or any contagious or infectious diseases subject to federal, state, county or municipal quarantine, nor can hospital care be given in cases of diphtheria, measles, scarlet fever and mumps, owing to danger of these diseases spreading to other sick and injured employees in hospital, but residence treatment and medicines will be given in such cases.

(d) Treatment for injury or sickness will continue as long as, in the opinion of the attending surgeon, it is necessary, but will not exceed the length of service with the company, except in cases of acute illness or injury, and in no case shall it exceed one year.

(e) Employees who abuse the benefits of the department, or flagrantly or persistently violate the regulations, will be excluded from further benefits.

(f) Employees will not be entitled to benefits for disabilities incurred after contributions have ceased, or after leaving the service of the company.

(g) When employees prefer to employ their own physicians or surgeons, they will do so at their own expense, as the department will not pay for such services, nor for medicines prescribed by surgeons not in the employ of the department.

(Signed) ——— LUMBER COMPANY.

**Deductions.** Aside from the hospital fee, which has already been discussed, other deductions from wages are for board, rent, or lodging, coupon books, store accounts, road, county hospital, and poll taxes. These latter will be further discussed and the amounts deducted in the various districts will be discussed in detail.

**Benefit Funds.** Several companies had been conducting benefit associations, managed by employees who decided on the amount of compensation to be paid in cases of injury.

The benefit funds were disbursed in various ways for the relief of injured employees, or to compensate them for time lost from their work. These funds were derived from hospital fees paid by the men themselves, so that the whole proposition resolved itself into a sort of mutual benefit insurance, managed by the companies, or certain selected employees thereof. Deficits, if any, were made good by the companies. Accounts were occasionally published. Only one was found posted and it was over a year old.

A committee of three men, consisting of the mill foreman, yard foreman, and one sawyer, was acting for one company, in disbursing a hospital fund set aside by the company for relief of employees. This company charged one dollar per month for hospital fee, if the employee worked over three days.



One company reported that from September 1, 1912, to September 1, 1913, there were one hundred sixty accidents, of which two were fatal. The sum of \$3,919.50 was received in the benefit fund from employees during this period, while the company distributed \$5,281. The difference between the amount received in the benefit fund and the amount distributed was paid by the company from its profits. In this instance, the benefit fund was charged with all railroad transportation and ambulance expense. During 1911-12, the total expense to this same company was \$7,540.77.

One company had been paying, after the first week, one dollar per day, up to one hundred and twenty dollars, to injured employees, while fully incapacitated. If laid up with a minor injury, they secured board and room free at hospital while so incapacitated. In cases of death, this company paid seventy-five dollars toward funeral expenses. Another company paid full wages to injured employees while incapacitated.

It will thus be seen that an attempt has been made by various companies to recompense, in some degree, the men who were so unfortunate as to be injured, and in this particular they have anticipated the Workmen's Compensation Act.

Employees of one company, who joined the company's coöperative scheme, had fifteen and one half cents per month, of their fees, set aside for an emergency fund, so that if they should get hurt they received one dollar per day while injured. In cases of illness, it depended on the judgment of the committee as to whether they should receive any benefits.

**Accidents.** The total number of accidents in the camps and plants of the various lumber companies visited, as hereinafter summarized, for the year 1913, was fifty-three men killed, sixty permanently injured, and six hundred ninety-seven incapacitated for periods exceeding seven days each.

The number of accidents in this industry should be considered in connection with the number of men employed in it, and for this purpose reference is made to the subject of "*Occupations*." A segregation of the accidents, by departments, was attempted, in order to approximate the most dangerous occupation, but the data submitted in the reports of companies was insufficient, as a whole, to serve the purpose.

By the system of reporting accidents outlined under the subject of "*Occupations*," it might be practicable to eventually make such segregations and formulate conclusions, on which to revise accident insurance rates. Inasmuch as this inquiry did not embrace all the establishments in the state, devoted to "lumber and its products," these figures for the year 1913 are less than the total returns reported by the Industrial Accident Commission, which are as follows: sixty-two men killed,



This stable tent extends to the ground and only the doors are left open. Manure is removed and burned daily, and the premises are treated with a preparation of creosote and water. Flies have no chance to breed under such circumstances.

one hundred twenty-one permanently injured, and one thousand eleven injured for periods exceeding seven days each.

From these statistics, it is apparent that by far the larger number of fatal accidents occur while in the employ of companies engaged in logging operations. The relatively large number (61) of people permanently injured, and the number (314) injured for periods exceeding seven days each, exclusive of these lumbering companies, may be accounted for, possibly, by the fact that these employees were engaged in handling machinery in various other manufacturing establishments located in metropolitan cities.

During the first half of 1914, the lumber industry was responsible for two thousand two hundred fifty-three accidents resulting in temporary disability, or, ten and one half per cent of all the non-fatal accidents that occurred in California.

In this respect, this industry ranks as follows:

- (1) Construction.
- (2) Steam railroads.
- (3) Metals and machinery.
- (4) Lumber and its products.
- (5) Foodstuffs, etc.

During this latter period, this industry was also chargeable with thirty-three fatal accidents, and ninety-nine permanent injuries to employees.

A newspaper article announces that:

Analyses of mortality statistics for the last two years in California, according to occupation, show that one third of all deaths among lumbermen are from violent injuries, the percentage having been 33.1 for 1912 and 33.9 for 1911.

The risk of accidental death is next greatest for steam railroad employees, among whom the percentage of deaths from violence was 28.1 in 1912, and 27.6 in 1911, or over one fourth each year.

In other words, only two thirds of all "lumber jacks" die from normal causes, and less than three fourths of all railroad men meet "natural deaths."

**Accident Prevention.** It is evident from the above figures that there is much to be accomplished in preventing accidents.

One company was found which had tacked up large posters, 18½ inches by 24 inches in size, containing pictures, taken before and after an accident, illustrating the dangers incident to standing in "the bight of the line"—an expression for a contingency with which most woodsmen are familiar. This company employs a large number of immigrants of various nationalities, and these posters, conspicuously displayed, could convey their message to all, irrespective of nationality. This company evidently believes that a look is worth a thousand words, especially when those words must be in various languages. This good example deserves to be adopted elsewhere.

Several of the companies, visited this year, have shown their interest in the "Safety First" movement by selecting committees to devise ways and means of avoiding accidents. One company has appointed a committee of foremen and employees to confer regularly regarding safety devices and matters pertaining to the improvement of factory conditions. Another company has issued this bulletin:

**NOTICE TO ALL EMPLOYEES.**

Inasmuch as it is the desire of the company to take every reasonable precaution to safeguard its employees against injury, we will be pleased at any time to have suggestions from our employees that will tend to prevent accidents and promote safety.

Another company has posted this bulletin:

**NOTICE TO EMPLOYEES.**

Inasmuch as it is the desire of this company to take every reasonable precaution to safeguard its employees against injury, the company desires to form a committee to study ways and means whereby accidents may be averted.

The committee at the plant will be composed as follows:

- Chairman, (1) Superintendent.  
 (2) Master mechanic or millwright.  
 (3) }  
 (4) } Three employees.  
 (5) }

A meeting will be held on Wednesday, June 24th, at 7 p.m. in the hall, over the company store, for the purpose of selecting these three employees.

The committee will meet every two weeks at the call of the chairman. Its functions will be as follows:

*First*—To submit suggestions to the management, which in their estimation will improve the physical hazard in the mill work.

*Second*—To hold inquiry into all accidents that may occur in the operation of the mill, and to devise means to prevent similar mishaps in the future.

*Third*—To periodically inspect all safety devices around the plant, and to see not only that the proper use is made of them, but that they are kept in full working order.

*Fourth*—To study the safety and welfare of our employees.

Very truly yours,

— LUMBER COMPANY.

It is evident that by the cooperation of such trusted employees, much good can be accomplished. The appointment of committees who may handle such matters and who are receptive to suggestions from employees themselves, is a step in the right direction and should result in a material reduction in the large number of accidents chargeable to this industry.

It should not be inferred, however, that all the lumber companies have been derelict in the matter of installing safety devices, for many of them have paid particular attention to this detail. They have, at least, posted notices warning employees of danger.

Many of the accidents in the logging operations are of the most serious and unusual character, necessitating hospital attention. They include fractured limbs, crushed ribs, skull injuries and wounded eyes, all of which require expert and unusual surgical operations and treatment.

It may well be said to the credit of the larger companies that they have endeavored to anticipate such cases either by the erection and maintenance of first-class hospitals, the securing and retention of the best physicians and surgeons obtainable, the installation of "X-ray" and other hospital equipment, or have arranged with nearby hospitals to supply needed medical or surgical assistance. In addition to this, these companies avail themselves of the services of specialists when necessary. Instances of such occasions might be cited, but space does not permit.

**Accident Prevention—Railroads.** The various laws requiring head-lights on locomotives, automatic coupler equipment, air brakes, and full crews, applicable to "common carriers," do not apply to most of the logging railroads, as, with but few exceptions, they do not happen to come under this classification.

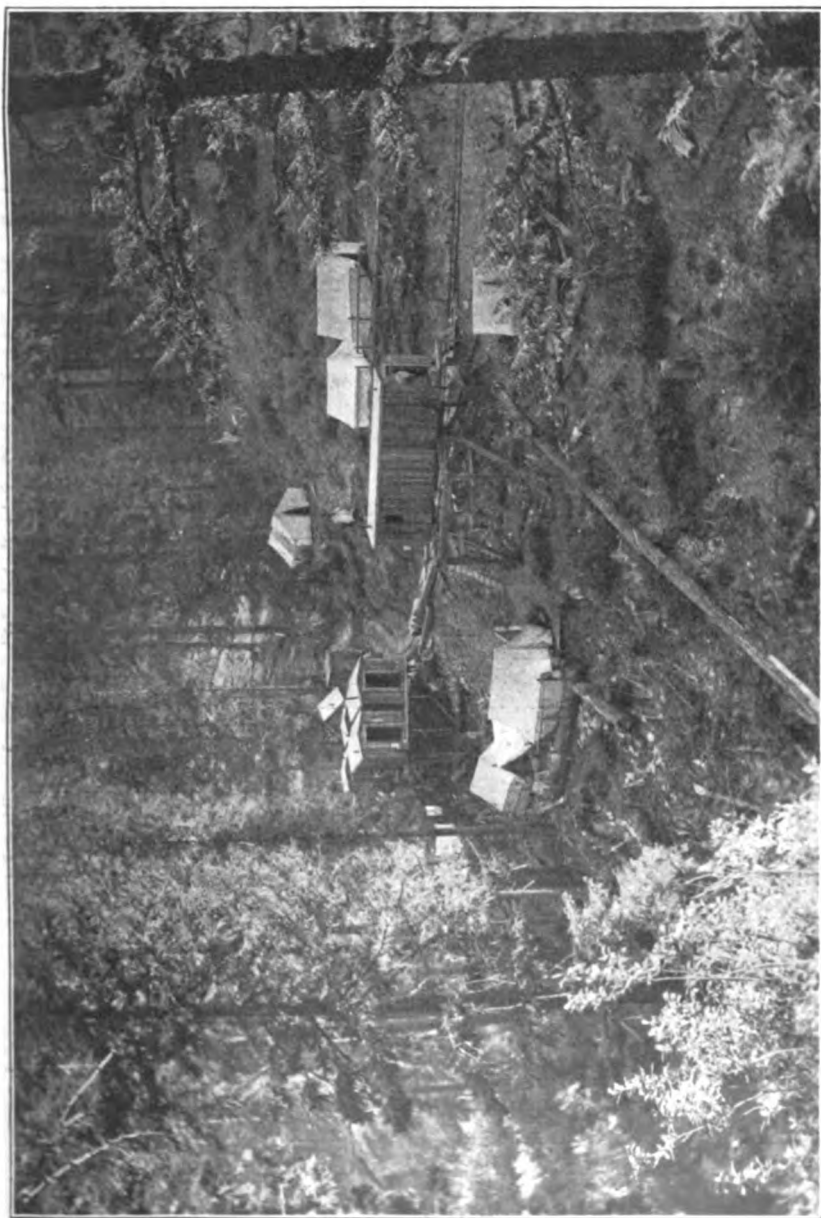
As a result, these logging railroad employees are peculiarly subject to many dangers in the operation of logging trains. Without cabooses to ride in, they must ride on the loaded cars. They clamber over logs or over cars that may be floored, or of skeleton construction, to set brakes, couple and uncouple cars, and transmit signals, because of the lack of the conveniences which are found on common carriers. Serious accidents are of frequent occurrence.

As these logging railroads are often constructed in the most mountainous localities, grades up to six per cent are common, and higher grades are not unusual, while as many as six "switch-backs" were found necessary to make ascents.

Short curves are frequent, and it is not uncommon for logs to roll off of cars, or for cars to become derailed. The use of air brakes on the trains would enable the engineers to control the cars at all times and increase the safety of the train crews.

While most of the railroading is ordinarily completed in the daytime, it is not uncommon for trains to be delayed far into the night, and the lack of good headlights, as well as standard equipment, under such circumstances, jeopardizes the lives of the train crews. Legislation on these subjects is urgently needed.

As most logging railroads are not common carriers, they are not permitted to charge and collect fares. Therefore, several companies, to



Tents and portable bunkhouses alongside of a logging railroad, in a canyon.

relieve themselves of liability for accidents, issue tickets of the following form, which users are required to sign:

Pass the bearer, \_\_\_\_\_, at passenger's risk, as per release on reverse side of this pass.

Dated at \_\_\_\_\_

\_\_\_\_\_ LUMBER COMPANY.

By \_\_\_\_\_

"This pass is issued as an accommodation and not on company business, and in consideration of such accommodation I, the undersigned, hereby release the \_\_\_\_\_ Lumber Company from all claims for damages or causes of action whatsoever, for any injuries that may be sustained through accident, whether said accident be caused through negligence or carelessness on the part of the company's servants or not.

(Signed) \_\_\_\_\_"

To illustrate the importance of the coöperation of the managers, in the prevention of accidents, as well as in other humanitarian movements, a prominent publication makes the following statement:

Twenty per cent of "Safety First" depends upon the superintendent. That is, out of every hundred points allowed on any safety work, twenty points depend upon the personality, mental attitude and point of view of the superintendent.

This is how the percentage works out, according to the United States Steel Corporation, the foremost advocate of "Safety First" in the United States:

Attitude of superintendent.....	20 per cent
Work of safety committees.....	20 per cent
Inspections by workmen.....	5 per cent
Instruction of workmen.....	15 per cent
Prizes .....	9 per cent
Signs .....	3 per cent
Lectures .....	3 per cent
Safeguards .....	17 per cent
Lighting .....	5 per cent
Cleanliness .....	3 per cent

All of which make the attitude, or state of mind, of the superintendent one of the two most important elements in "Safety First." It equals in results all the labor of safety committees, and passes by three points all that can be accomplished by safeguards.

**Inquests.** Examinations were made of the records of inquests on accidental deaths in the lumber industry, on file in the offices of the county clerks in fourteen of the counties visited, where lumbering operations were in progress.

No verdict was rendered, during the year preceding such inspection, holding any lumber company responsible, or blaming any company for negligence in the matter of any accidents.

This is not surprising when the personnel of the coroners' juries is taken into consideration. These juries are mainly composed of company employees, whose interests to the living are greater than those to the dead.

Sample verdicts are quoted herewith:

"By unavoidable accident, caused by log rolling over him."

"Came to his death on September 2, 1913, in this county, by accident, through carelessness on his own part."

"Came to his death on fourth day of July, 1913, in this county, by being struck on the back of the head by hook attached to cable flying through the air, due to boom on donkey engine breaking. We further find that the accident was unavoidable."

"By being hit by a sapling falling on him from the rebound on the slacking of the line on the log they were pulling on. Unavoidable accident."

"By accident, being caught between trip line and log—log rolling on him and crushing him to death while working in woods."

"By being struck by flying becket while employed as chain tender on pond for ——— Lumber Company. We further find that his death was accidental, and that no blame be attached to any one."

"By accidental drowning in the mill pond; and we further find that he was negligent in not having his shoes properly caulked."

"We, the jury, bring in a verdict of accidental death, caused by a cant being thrown from edger, and, as far as known from the evidence, the accident was unavoidable; and we further find that his death was caused by internal injuries."

"That the cause of his death was being struck on the head with a steam pipe and instantly killed. The *disposed* turned on the steam [against orders] and the disconnected pipe swung round and hit him on the head [and killed him instantly.]"

NOTE.—Bracketed portions of verdict were interlined. No reference to them as being a portion of the verdict as originally signed by the jurors.

Verdict in inquest of woodsman who died from exposure, due to overdrinking:

"We condemn actions of officers and officials in not preventing the selling of liquor to persons under the influence of liquor, and ask that same be prohibited and stopped."

"By an [unavoidable] accident, resulting from a rock striking the railroad car in which he was riding at the time and which crushed him to death [and we find that no blame can be attached to any person or firm]."

NOTE.—The bracketed words were a part of a previously prepared verdict, for which the jurors would not stand and in consequence of which the words were struck out.

The uniform peculiar significance of these sample verdicts; the brevity and perfunctoriness of the evidence on file; the ever present possibility of the suppression of material evidence, especially when fellow employees have everything to gain and nothing to lose by their silence; all tend to discount the value of verdicts rendered under such circumstances to the extent of constituting the whole expensive performance a farce and a travesty on justice.

In only one of the verdicts above rendered did a jury have the temerity to make a recommendation to prevent a recurrence of accidents. This jury advised that a device be installed in the sawmill, to be used as a signal to stop the machinery when necessary.

It is evident that where juries must be impaneled, in remote districts, the members of the jury are necessarily drawn from citizens who are accessible, and in the case of logging camps it follows that they are often company employees. Under the circumstances, they are apt to be deterred in their findings from placing any responsibility on their employers, and, as above noted, only too often fix the responsibility for the accident on the unfortunate employee.



Most of the verdicts here noted were rendered on foreigners, who, through unfamiliarity with the English language, or logging conditions, were peculiarly subject to the hazards of the lumber industry. It is due, in a large measure, to the presence of these untrained immigrants in lumber operations that this industry ranks so high in the number of accidents—fatal and otherwise.

**Medical Cabinets.** Of the humanitarian legislation accomplished by the last legislature, the medical cabinet law deserves especial notice. This act reads in part as follows:

Section 1. Every person, firm or corporation operating a factory, or shop, or conducting any business in which power machinery is used for any manufacturing purpose, except for elevators or for heating or hoisting apparatus, where five or more persons are employed, shall at all times keep and maintain, in some accessible place upon the premises upon which such factory, shop or business is located, free of expense to the employees, a medical or surgical chest which shall contain an adequate assortment of absorbent lint, absorbent cotton, sterilized gauze, plain and medicated, adhesive plaster, cotton and gauze bandages, also one tourniquet, one pair scissors, one pair tweezers, one jar carbolized petrolatum, one bottle antiseptic solution, and one first aid manual, all of which shall cost not less than six dollars, and to be used in the treatment of persons injured or taken ill upon the premises.

(Chapter 278, Statutes 1913.)

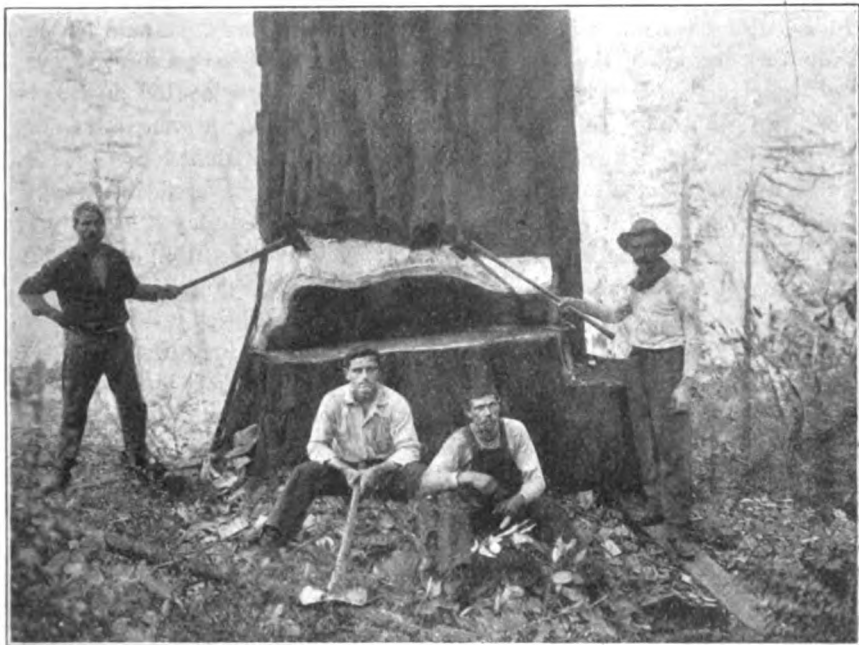
In compliance with this act, many companies had installed, prior to the inspections, medical chests in their various plants and logging camps for emergency use. The practical utility of these cabinets, especially in localities remote from doctors and hospitals, is easily apparent. Many cases of septic poisoning, due to improper bandaging, will be obviated by the use of the aforesaid equipment, and these appliances will also minimize the results of many accidents.

Detailed reports respecting their installation are elsewhere given. Where installed, the medical cabinets in the camps were generally in the stores, or the cabins of the foremen or timekeepers, because these men were trusted with their proper handling.

As a rule, the woodsmen are employed at work at distances of a quarter of a mile up to one or two miles from camp. The donkey engines near which the accidents are most liable to occur, may be anywhere within this radius. It is manifest that the cabinets might well be installed wherever a donkey engine is used, in order to save valuable time should an emergency arise.

Many of the medical cabinets were not equipped with first aid manuals. Where these are not otherwise readily obtainable, a copy of "First Aid Instructions for Miners" may be secured by writing to the Bureau of Mines, Department of the Interior, Washington, D. C., for "Miners Circular, No. 8."

**Ambulances.** It is a noticeable and commendable sign of the times that companies, of their own initiative, have supplied, equipped and set apart for immediate use, reconstructed automobiles, on railroad



An "undercut" in an immense redwood tree.



Fallers sawing into a stately sugar-pine tree.

trucks, or gasoline motor speeders, with portable cots, to be used on their logging railroads in emergencies. At least two instances of this kind were found, in the Southern Pine District, where these cars were kept in reserve for this use. As logging camps are located anywhere from one to thirty miles from a hospital, the urgent need in cases of accident, for such means of transportation, is evident.

Several companies have their railroad men instructed in case of emergency to detail an engine to bring the injured employee directly to the hospital. The failure of a certain company to anticipate such a contingency was responsible in a very large degree for the loss of life of one logging employee, as disclosed by a verdict rendered September 9, 1913. The conclusion of the coroner's jury was that the toggle-knocker came to his death "by accident, owing to his own carelessness, at Camp ——— of ——— Lumber Company, by having had his right leg crushed between ankle and knee, between two logs."

The evidence went to show that the accident occurred at 4:30 p. m. The injured man was conveyed to the nearest railroad point, where he was held until the evening passenger train arrived. He was then taken by train some thirty miles to the hospital, arriving there about 9 p. m. The doctor's testimony was that in this long interval, the victim had lost a great deal of blood, in consequence of which he did not survive.

Arrangements might have been perfected previously, or permission secured in this emergency, whereby the company could have brought the man directly to town on its own engine. This lumber company is closely associated with the railroad system, and it is to be hoped that a recurrence of this character will be prevented. The logging superintendent of this company was the foreman of the coroner's jury, which rendered the foregoing verdict.

**Sanitary Safeguards.** Only one company was found which used sanitary drinking fountains, thus obviating the use of the very unsanitary drinking cups in general use. This method, of course, has its limitations, for it is only adaptable where good drinking water may be piped under pressure to the place where used. The simplicity and superiority of sanitary drinking fountains over other methods, needs only to be seen to be appreciated.

Common roller towels are in general use in many places where common washbasins are used. The use of the sanitary paper towels, as required in certain cities of this state, is not followed by any lumber company. The grave danger of infection from both the use of the common drinking cup and the roller towel are well known, and their use on trains, as well as in certain cities, has been prohibited.

Public Health Bulletin, No. 57, issued by the Surgeon General, Public Health Service, Washington, D. C., gives a resume of the laws relating to, and the dangers incident to the use of common drinking cups and roller towels.

**Sickness.** The most common cases of sickness reported are the so-called "camp disorders." These are due to eating contaminated food, or food improperly cooked, or exposed to flies, or the injudicious use of fresh fruit.

During the inspection trip, the following contagious cases were noted: one case of smallpox was sent to a hospital, and the bunkhouse fumigated; two cases of typhoid were being treated in a hospital; twelve typhoid cases were being treated in another hospital, all of them having originated, so far as known in a "company town." The manager stated that, subsequent to the epidemic, he had expended over \$1,000 in cleaning up the town. Yet the privies in the lumber yard were found unroofed and in a very unsanitary condition. Comment is unnecessary.

From a camp of another large company, four cases of typhoid had been sent to the hospital, in September, 1913, just prior to the inspection. The logging superintendent stated that this camp had always produced more or less sickness, and he was uncertain whether it should be ascribed to the drinking water or to the presence of a typhoid "carrier" in the camp.

The possibility of a typhoid or other contagious epidemic is ever present. With the likelihood of a typhoid "carrier" in any camp, it is essential that preventative measures, looking to proper screening and the installation of sanitary conditions, be employed.

The common fly is frequently a carrier of typhoid by reason of its filthy habits. Germs cling to its feet and are deposited on food or in milk. Typhoid is due to a microscopic germ, which multiplies in the bowels and is found in great numbers in the discharges of the patient. Internally, it generates poisons and causes lesions or injuries, which in many cases end fatally. Wells, springs, ponds, streams, and reservoirs often have become infected, directly or indirectly, from excreta containing typhoid bacilli; and epidemics of the deadly fever have been traced to such sources.

The locating of human typhoid "carriers" in a given camp is difficult. For instance, a well known case is on record of a certain lumber steamer plying between Eureka and San Francisco, to which had been traced twenty-seven cases of typhoid, among sailors and passengers, during a period of three and one half years. The cause of infection was finally traced to a common drinking cup used by the various members of the crew, one of whom had been subject to typhoid fever

and was later discharged as cured. To all appearances, he was entirely well and able to do his usual work, but the germs continued in his system during all this time, and afterwards, thus endangering others.

Had this man been the ship's cook, it might have been easier to locate the source of the trouble, and, for this reason, persons engaged in the cooking or handling of food supplies should be subject to special inquiry as to their exposure to or contamination by this disease.

Further information regarding this and other interesting cases of typhoid "carriers" may be secured by writing to the State Hygienic Laboratory, Berkeley, Cal., for a free copy of "A Typhoid Carrier on Shipboard."

Literature on the relationship of flies to diseases, particularly typhoid fever, may be secured by writing for any of the following list of publications:

"The House Fly in Its Relation to Public Health," Bulletin 215, issued by the Agricultural Experiment Station, College of Agriculture, Berkeley, Cal.

"House Flies," Farmers' Bulletin 459, and "How to Prevent Typhoid Fever," Farmers' Bulletin 478, issued by the Division of Publications, Department of Agriculture, Washington, D. C.

"Flies as Carriers of *Lambli*a Spores," Reprint No. 154, P. H. R., issued by the Surgeon General, U. S. Public Health Service, Washington, D. C.

"American Journal of Public Health," for March, 1914, 30 cents. The American Public Health Association, 755 Boylston street, Boston, Massachusetts.

**Fumigation.** Several companies use steam from donkey engines or locomotives, once or oftener during the year, to disinfect the bunkhouses or to kill or dislodge the vermin, which often are housed there.

Following cases of contagion, sanitary precautions in the way of fumigation are not always employed, as the means are not at hand, or methods are not well understood, for performing this important duty. Formaldehyde gas in the presence of water vapor is strongly advised for fumigation following most cases of sickness. Fumigation by sulphur is less efficient and is injurious to fabrics and metals. A convenient and inexpensive method of fumigating with formaldehyde is described as follows:

Prepare the room by closing all cracks and crevices by plugging or by pasting paper over them. Open bureau drawers and closets, and spread fabrics so that the formaldehyde will have access to all surfaces. Cover a space in the center of the floor with newspapers to prevent damage from splashing. Place a clean, ten quart galvanized iron pail on the floor and put into it eight ounces of dry potassium permanganate crystals. Pour one pint of formalin into the pail, retire quickly, and seal the door. One container and the quantities of chemicals stated are sufficient for fumigation of 1,000 cubic feet of air space. The heat generated by the chemical



The fall of a monarch of the forest.

action between the potassium permanganate and the formaldehyde will evaporate the solution, throwing formaldehyde and water vapor into the room. Risk of fire from too rapid oxidation may be avoided by the use of clean pails. After twelve hours the room should be opened and aired, and, if the remaining formaldehyde gas is oppressive, a little ammonia should be sprayed in the air. The room should then be thoroughly cleaned.

When properly performed, the foregoing procedure will effectively destroy bacteria.

Fumigation for bedbugs and other vermin is best effected by hydrocyanic acid gas, but as this is too dangerous for common use, the best informed entomologist in California advises that four or five pounds of sulphur be used for each one thousand feet of air space in the room.

All metals, especially brass and iron, must be removed or fully protected. All cracks should be closed up, and the room kept closed for from three to five hours.

Space does not permit a more complete discussion of methods and remedies to be used for vermin, but before undertaking this important kind of work, readers are advised to send for one of the following free publications, and to understand fully the methods they advise:

Bulletin No. 253, Ohio Agricultural Experiment Station, Wooster, Ohio.

Bulletin No. 4, New Series, revised edition; Circular No. 47, Second Series; Bulletin No. 90, and Circular No. 163, Bureau of Entomology, issued by the Division of Publications, U. S. Department of Agriculture, Washington, D. C.

Farmers' Bulletins, No. 155 and No. 345, issued by the Division of Publications, U. S. Department of Agriculture, Washington, D. C.

**Occupational Diseases.** An experienced physician for a large lumber company stated that the life of lumber handlers, and pilers, is about seven years, as the work is very heavy and soon breaks them down. This record is comparable to the underground operations of miners, where the dust and working conditions often bring on "miner's consumption" in about the same period of time.

The general use of saw-filing machines, and the various forms of wood-working machinery, without blowers, particularly in the redwood district, is a violation of the Sanitation and Ventilation Act. The constant inhalation of dust by employees tends to lower their physical resistance and renders them peculiarly subject to illness.

**Occupations.** Employees in the lumber industry have been tentatively segregated into forty-four distinct classes or groups, as per table herewith presented. This was done for the purpose of securing a basis for averaging their wages in the various occupations. This segregation, however, omits operators in several departments, as those in a match factory, etc., when but one establishment is known to exist in the state.

The lumber industry in California utilizes employees of more varied capabilities than any other industry.

## Segregation, by Departments, of Employees in the Lumber Industry.

Departments	Pine Districts				Redwood Districts				Totals by districts	
	Northern		Southern		Northern		Southern		Pine	Red-wood
	Sub-totals	Totals	Sub-totals	Totals	Sub-totals	Totals	Sub-totals	Totals		
1. Executive and office force		78		80		106		5	158	111
2. Stores		71		80		109		1	101	110
3. Postoffice						2				2
4. Hotels		5		10		25			15	25
5. Boarding houses		6		29		52			35	52
6. Hospitals		5				5			5	5
7. Tie camps						19			5	19
8. Bolt camps—										
a. General					189					
b. Cableways					8					
c. Cook houses					7					
9. Logging camp operation—					204					204
a. General	1,282		1,645		2,351		122			
b. Cook houses	65	1,847	71	1,716	112	2,463	7	129	3,063	2,562
10. Pond crews		34		58		79		2	92	81
11. Wharves						319				319
12. Railroad construction—										
a. Location party	13		13		11					
b. Cook house										
c. Bridge gangs	19		43		25					
d. Grading gangs	445		346		45					
e. Steel gangs	8		52							
f. Cook houses	13	498	25	490	6	87			978	87
13. Railroad maintenance—										
a. General	89		235		198		18			
b. Cook house		89	3	238		198		18	327	216
14. Raftsmen, rivermen, etc.						23				23
15. Pile drivers						7				7
16. Railroad operation—										
a. Tramway-hoist	4		17							
b. Cableway			9							
c. Broad and narrow gauge	115		165		141		5			
d. Telephones		119	5	198	1	142		5	315	147
17. Railroad switching, yards		29		40		10			69	10
18. Flumes—										
a. General	34		74		5					
b. Cook houses		34	1	75		5			109	5
19. Lumber shipping—railroad		171		68					239	
20. Lumber transfer—monorail						12				12
21. Lumber transfer—crane system						34				34
22. Sawmills—										
a. General	773		521		1,149		55			
b. Lath department	38		43		5					
c. Picket department					36					
d. Shingle and shake department			2		70		2			
e. Cook houses	27	838	14	580	44	1,304		57	1,418	1,361
23. Shingle and shake mills—										
a. General					175					
b. Cook houses					5	180				180
24. Labor—skilled—										
a. Carpenter shop	116		51		64		2			
b. Foundries	10		1							
c. Machine shop	57		29		78		3			
d. Railroad equipment	21		43		40		2			
e. Miscellaneous	67	271	55	179	107	289	4	11	450	300
25. Labor—unskilled		60		38		119			96	119
26. Stables		53		40		20		3	93	23
27. Dairies				1		17			1	17
28. Farms and ranches		105		2		72			107	72
29. Lumber yards		454		674		791		35	1,128	826
30. Sorting sheds		54		61		142		10	115	152
31. Yard construction		6		12					18	
32. Dry kiln and dry yard		17		70		130		2	87	132
33. Lumber sheds		3		11					14	
34. Planing mills		132		95		134		6	227	140
35. Box factories		644		455					1,099	
36. Moulding factories		19		17		27			36	27
37. Veneer plants		38							38	
38. Heating plants		2							2	
39. Electric plants				7					7	
40. Power plants		30		7		14			37	14
41. Ice plants		1				1			1	1
42. Sash and door cutting		186		70		29			256	29
43. Sash factories		72		52		15			124	15
44. Door factories		112		104		13			216	13
Totals		5,583		5,495		7,198		284	11,078	7,482



**Hours of Labor.** Camps, and lumber plants, operate on the basis of ten hours a day, yet, as will be noted hereafter, a number of sawmills and box factories operate "time and a quarter," that is, twelve and one half hours per day.

Offices are generally open from eight to ten hours per day. The store employees have longer hours than any other department, because the stores are open before the mill and camp employees go to work, and remain open until long after these men go off duty. It would seem as if this was not wholly justifiable. The stores might be closed during a portion of the day to offset the night work required, and the latter limited to one or two evenings, for a short time, each week.

Railroad men are subject to long hours, some starting out as early as 5:30 to 6:00 a. m. and remaining on duty as late as 6:00 to 8:00 p. m. When accidents occur they may be detained on duty far into the night.

Night watchmen, firemen and engineers also have long hours, usually from 6:00 p. m. to 6:00 a. m. for seven days per week, making a total of eighty-four hours weekly. Recognizing the trend of public opinion and legislation toward shorter working hours, some companies are reducing their hours of work in offices and stores to the minimum required for the work to be performed.

The census returns from California, in 1909, reported the total number of hours per week of the 22,935 wage-earners in the lumber industry as follows:

Forty-eight hours and under .....	3,859
Between 48 and 54 .....	68
Fifty-four hours .....	2,700
Between 54 and 60 .....	228
Sixty hours .....	14,732
Between 60 and 72 .....	1,324
Seventy-two hours .....	15

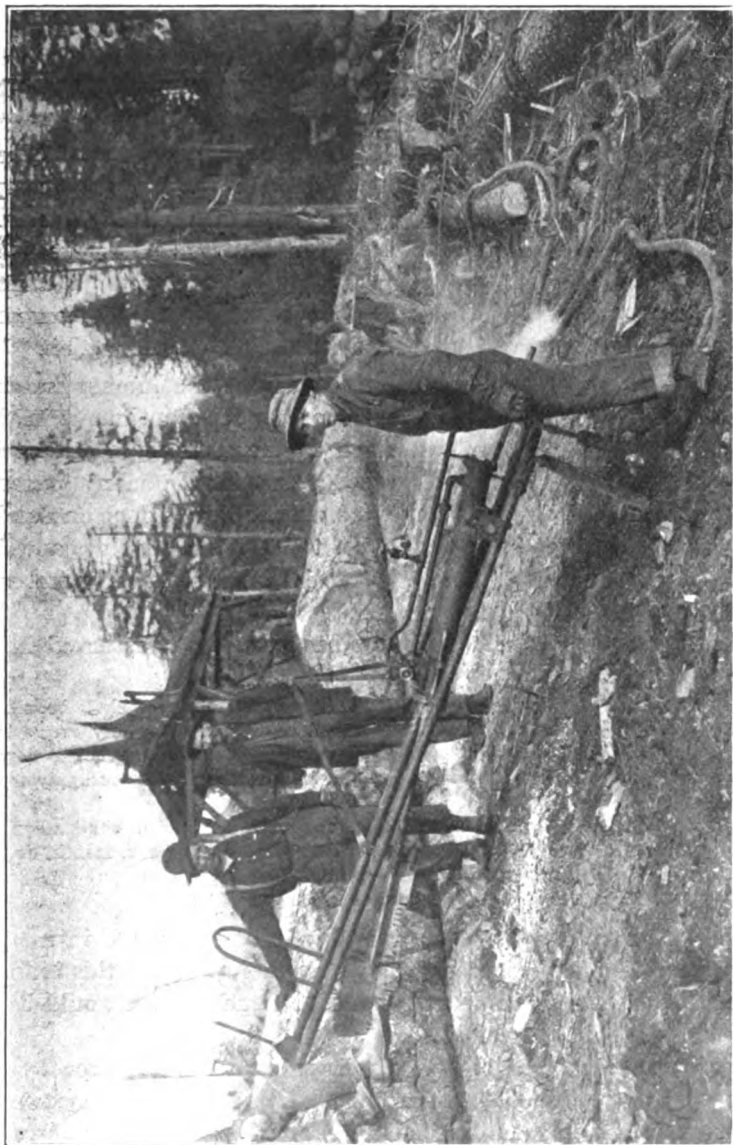
In making this classification, the average number of wage-earners employed during the year is used, and the number employed in each establishment is classified as a total, according to the hours prevailing in that department, even though a few employees work a greater or less number of hours.

From this it is evident that night watchmen, firemen, engineers and others employed twelve hours or over, being few in number, are entirely disregarded, for these are on duty up to eighty-four hours per week, but are not noted above.

It is a matter of general surprise that the following law, applicable to the lumber industry, is on the statute books:

Section 1. Every person, corporation, copartnership, or company operating a sawmill, shakemill, shinglemill, or logging camp, in the State of California, shall allow to his or its employees, workmen, and laborers a period of not less than one hour at noon for the midday meal.

(Civil Code, Appendix, page 827; Stats. 1901, p. 75.)



Buckers sawing a tree into sixteen or thirty-two foot lengths, using machine operated with compressed air.

While this law has been in existence for thirteen years, it is not known that it has ever been enforced.

One company operating its sawmill twelve and a half hours per day was allowing its employees forty-five minutes at noon, while several companies in the vicinity of Eureka were allowing their employees thirty or forty-five minutes at noon for the midday meal. The latter companies claimed that they did so to please their employees, who wished to get home earlier in the evening.

Aside from the foregoing act, the "Child Labor Law," the "Weekly Day of Rest Law," and the "Eight Hour Law for Women" comprehend the only time limitations for employees in the lumber industry.

The so-called "Sixteen Hour Law for Railroad Employees," as amended in 1913, is applicable only to those employed on common carriers, and would apply therefore to only a few lumber companies which operate logging railroads coming under this classification.

**Weekly Day of Rest.** Certain employees of the lumber industry are engaged in occupations which are more or less continuous in their nature. Instances are: night watchmen, firemen and engineers, kitchen and dining-room help, and telephone operators. In many instances railroad employees have emergency work which must be done on Sunday.

It is often necessary, also, that repairs to locomotive engines and sawmills be made on Sunday in order not to interfere with the usual week day operations.

So far as known the following law has never been observed in the lumber industry:

Section 1. Every person employed in any occupation of labor shall be entitled to one day's rest therefrom in seven, and it shall be unlawful for any employer of labor to cause his employees, or any of them, to work more than six days in seven; *provided, however*, that the provisions of this section shall not apply to any case of emergency.

Section 2. For the purposes of this act, the term day's rest shall mean and apply to all cases, whether the employee is engaged by the day, week, month, or year, and whether the work performed is done in the day or night time.

(General Laws, Act No. 2137, Statutes 1893, page 54.)

**Labor Saving Processes.** No special inquiry was made in relation to this subject, for with the many departments into which this industry is divided, each having numerous operations, such a task would be too lengthy and difficult to accomplish.

A noteworthy instance of the displacement of hand labor by machinery is the installation, at a certain sawmill, of a crane system for the expeditious trucking, piling, loading, and handling of lumber.

This system is reputed to have cost \$50,000 and to have paid for itself, through the economies effected, within eighteen months. The company figured that it displaced twenty-seven men who otherwise would need to be constantly recruited, housed, boarded, and paid, and who would also be liable to accidents at any time.

## PART II—CAMPS.

**Names.** The logging camps are named for various reasons: (1) After the streams, as Nanning Creek, Jacoby Creek; (2) Topographically, as Tip Top; (3) In a consecutive series, as Camp 20, Camp 21, etc.

**Seasons.** The camps open generally in April or May, and continue as late as the weather or business conditions warrant. In 1913, the camps in the pine district continued operations into November, while in the redwood districts, some camps remained open, due to favorable weather, until Christmas. This year (1914), some of the camps closed in September, on account of the business depression, and the small foreign demand, due to the European war.

**Supervision.** The camps are in charge of a logging superintendent, a foreman, or a subforeman, called a "camp boss." The better camps have flunkies, jocularly called "bull cooks," or "crumb bosses," to sweep out the cabins, chop the wood for the cooks, and to dispose of the garbage.

**Location.** In the pine districts, the camps may be shifted as often as four times in one season, while in the redwood belt, the camps are more permanent, some remaining in one place upwards of four years.

Care is exercised in the selection of good camp sites, and the proper distribution of the various bunkhouses and camp cookhouses. The foreman's office is at the store or commissary, which is generally placed near the dining-room.

Upon the topography of the locality depends whether the bunkhouses will be placed in rows parallel to the railroad tracks, or, widely distributed, as is often done where the land is fairly level. The latter plan has the advantage of increased safety in the event of a fire originating in any bunkhouse.

When the houses are placed in rows, a water pipe is often laid past them with faucet connections for each house.

Each house is supplied with washbasins, which plan is preferable to having a common washing place.

**Camp Sanitation.** Much literature of an advisory nature has been issued on the proper location, arrangement and management of labor camps. A few references to this subject are here given:

"Sanitation of Camps," Monthly Bulletin, March, 1912, State Board of Health, Olympia, Washington.

"Labor Camps in Wisconsin," Industrial Commission of Wisconsin, Madison, Wisconsin.

Page 48, Third Annual Report, Bureau of Industries and Immigration, State of New York, Albany, New York.

**Housing.** The bunkhouses are arranged, as a rule, alongside of and parallel to the railroad tracks. Where bunk cars are used, they are placed on side tracks. Bunkhouses are built of unplanned and unpainted lumber. But one company in the state has built its houses of planed lumber and painted them. Where wooden bunks were used, the bunkhouses were often infested with bedbugs. Tents are used by a few companies, as will be noted hereafter.

In the older logging camps which were visited, the permanent buildings were often equipped with double-deck wooden bunks. It is a favorable sign of these progressive times that not only such buildings, but also the use of double-deck bunks of any description, are going out of use and are being supplanted by movable bunkhouses, equipped with single steel bunks. Generally, three single steel bunks are placed in one house, with a stove in the fourth corner.

It is notorious that when a man leaves a camp, his comrades in the same bunkhouse generally demolish the wooden bunk which he has occupied and burn it up in the stove, in order to prevent a stranger from again using it. From this it will be seen that men do not like to be herded together in large numbers, preferring a congenial group of two or three companions.

In one camp in the Northern Redwood District this notice was posted on the doors: "Do not destroy the bunks in this cabin." The managers estimate the value of a wooden bunk at about \$1.00 each, and the expense incident to the replacement of wooden bunks each season may become a large item in the camp accounts.

Double bunks, constructed either of wood or steel, to accommodate two persons in one bed, are not in use at any place that was inspected.

"Double-deck bunks" either steel or wooden, is a term applied to a structure having an upper and a lower berth. The use of double-deck steel bunks is very limited and is mostly confined to bunk cars.

The two construction camps that were inspected, use double-deck wooden bunks. These are camps where the men are engaged in quarrying, or in power dam construction, as distinguished from railroad camps for railroad construction.

Single wooden bunks are generally from 30 inches to 36 inches wide, and 78 inches to 84 inches long. They are enclosed on four sides by boards 6 inches to 10 inches high, and are boarded across the bottom, the whole structure being supported by wooden legs at each corner. Straw is placed in this box-like arrangement, and the bedding or blankets are laid on top of the straw.

The continued use by certain companies of these primitive, temporary wooden nests—vermin incubators—to stable human beings, who are forced by necessity to occupy them, clearly reflects the attitude of these



A "donkey crew" at work hauling a train of logs down a chute.

employers toward the humanitarian movement initiated by this Bureau, strengthened by the disclosures of the Wheatland riot of August 3, 1913, and now supported by public opinion.

It is to be regretted that legal limitations prevent the publication of a roll of honor comprising the names of those companies that, appreciating humanitarian considerations and the physical efficiency of their employees, have arranged for a permanent installation of steel bunks, shower baths, and sanitary conditions.

This Bureau appreciates the work which these companies have done toward improving living conditions, and commends their example to others.

As heretofore noted, the camp sanitation law requires that:

The bunks or beds shall be made of iron, canvas or other sanitary material and shall be so constructed as to afford reasonable comfort to the persons occupying such bunks or beds.

Whatever may be said of wood as a sanitary material, this Bureau has taken the attitude that wooden bunks do not "afford reasonable comfort" to the persons occupying them at any time, and especially when infested with vermin.

Acting on this assumption, the proposition was put up to the managers, during the enforcement of the law in 1913, that in addition to the direct financial loss, occasioned by the moving or the destruction of wooden bunks, and the supplying of straw, with the consequent fire hazard, there was an indirect financial loss, due to the lower physical efficiency of the men employed, caused by the fact that they did not get that restful sleep on hard bunks that they would secure on iron bunks constructed with springs. In other words, if the employees secured better rest, they would be able to work better, and the additional expense for steel bunks would be more than compensated for in a larger output, by better contented men.

In this connection it is a pleasure to state that following the inspections made during the year 1913, and the conferences with the managers, twenty-eight lumber companies installed 3,649 single steel bunks, and 159 double-deck steel bunks. Elsewhere in the state, following the passage of this law, eleven lumber companies, of their own initiative, installed 966 single steel bunks.

Up to September 22, 1914, sixty-four other companies in the state had installed 1,131 single and 451 double-deck steel bunks.

This makes a total of 5,745 single and 610 double-deck steel bunks now installed, following the passage of this law, in addition to upwards of 1,000 single steel bunks previously in use.

The far-reaching influence of this step taken by the various managers can hardly be estimated. It means not only increased comfort for thousands of men, but increased efficiency, figuring into hundreds and thousands of dollars, for the various companies which have taken this advanced step in the matter of camp sanitation.

The result is none the less noteworthy, because of the lack of newspaper attention or notoriety, and the entire absence of friction and lawsuits.

A thorough canvass of the situation, combined with conferences with the various managers, has accomplished much already, but there still remain some companies that have not yet made any improvements in the housing and living condition of their employees.

**Club houses.** But one company in the state has placed a club house in its logging camp, and this will be described more particularly under the title of "Southern Pine District."

The practical utility of such a place for reading, writing, bathing, and the exercise of good fellowship, is too evident to need any recommendation.

Several of these houses are maintained in various "company towns" by employees, through the formation of clubs, and the coöperation of the companies. They are furnished with the various facilities of a club, and serve to attract and retain the better class of employees.

**Bathhouses.** The bathhouses that have been installed will be described later. Their practical utility is too apparent to warrant discussion. It is strange that where water is so free and abundant, and fuel is so cheap, as in the camps, so many companies were found which had not installed bathhouses.

At the sawmills, there is every reason for their installation, as the first cost is very small and the cost of maintenance is nothing.

No reinspections have been made, hence it is not known how many companies operating in northern California, since the survey was made in the autumn of 1913, have installed bathhouses. It is probable that most of the companies which installed steel bunks have likewise made some provision for free baths.

Several companies have placed bathtub facilities in charge of a local barber. These barbers uniformly charge twenty-five cents per bath. This places a premium on cleanliness, to the detriment of the employees, and ultimately of the companies, as the majority of the men are adverse to paying any fees for the use of water. To meet this objection, a nominal charge for soap and towels might be imposed.



**Laundry.** Two companies in the state have laundrymen retained to wash the clothing of their men each week. For this service, a charge is made as is noted elsewhere. In all the camps of the other companies, the absence of laundry facilities for the men was very noticeable. This laundry work, when performed by the men, is usually left until Sunday, and, under the usual conditions obtaining, is more apt to be half done, or left undone, than otherwise.

**Water.** Water is usually piped direct from springs so as to insure an absolutely uncontaminated supply. Cases will be cited where the water is supplied from springs, wells, flumes, and open ditches. As a rule, the water is of superior quality and abundant in quantity.

**Liquor.** None of the companies sell liquor in their logging camps, and a number of them strictly forbid its use on the premises. The attitude of the managers is elsewhere mentioned.

**Dining-rooms and Cookhouses.** These are generally combined under one roof. The structure may be:

(1) A permanent frame building, erected for the purpose and left standing, taken apart, or burned down, when the camp is moved elsewhere.

(2) A portable frame building, made in sections, which are taken down and moved to new locations as required.

(3) A box car, constructed and arranged for use in connection with bunk cars. In such cases, the cooking and commissary work is done in one car, while an adjacent car is used for a dining-room.

(4) A tent with, but generally without, floors. This latter is the most difficult to effectively screen, and none was found so protected. Of all the structures in a camp, it is most important that the dining-rooms and cookhouses at least should be effectively screened from flies. Fly traps, fly paper, and other devices should be used to reduce the number of flies. One method is described as follows:

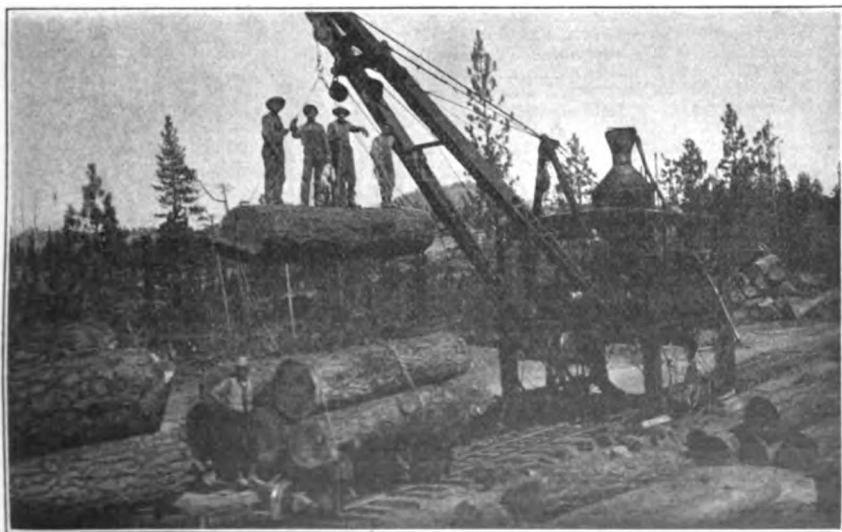
A cheap and easy way to kill flies is to put about eight teaspoonfuls of formalin in a quart of water; add a little sugar. Put it in a fruit jar; put a plate over the top; hold the plate with one hand and the jar with the other and turn it over so that the plate is underneath. If the turning is quick and skillful, nothing will be spilt. If the mouth of the jar has a little nick in it, a little will run out into the plate. A little is enough. If there is no nick, a nail or a splinter slipped under the edge of the jar and left there will allow enough of the liquid to escape.

The best place for the jar is on a porch or somewhere near the house where the flies are wont to assemble. Their potations seem to make them drunk only at first, and they lie about in a helpless condition. Later they die and it is to be hoped they have not had an opportunity to propagate their kind.

The desirability of this method is based largely on the fact that the jar will take care of itself for a month. A frequent sweeping up of the dead flies is some annoyance and some work of course, but is as little work as can be hoped for in any method of fly killing. Formalin and formaldehyde are the same.



"Michigan wheels," ten to twelve feet in diameter, are used occasionally, in the pine belt, to convey logs to the railroad tracks.



A "jammer engine" loading logs onto the logging railroad cars.

**Cooks.** At the time of the survey, the various companies visited employed "white" men, women, Chinese, and Japanese, in their hotels and cookhouses, as per table herewith presented:

Comparative Statement of Certain Employees in the Lumber Industry.

Department	Men	Women	Chinese	Japanese
A. Executive and office force.....	71	7		
B. Executive and office force.....	71	9		
C. Executive and office force.....	88	18		
D. Executive and office force.....	5			
A. Stores.....	68	3		
B. Stores.....	23	7		
C. Stores.....	102	7		
D. Stores.....	1			
A. Hotels.....		3	2	
B. Hotels.....	3	7		
C. Hotels.....	17	8		
A. Boarding houses.....	5	1		
B. Boarding houses.....	18		11	
C. Boarding houses.....	39	13		
A. Hospitals.....	1	4		
C. Hospitals.....	1	4		
C. Tie camps, cook house.....		1		
C. Bolt camps, cook house.....	3	4		
A. Logging camps, laundries.....			2	
A. Logging camps, cook houses.....	47	7	11	
B. Logging camps, cook houses.....	57	1	13	
C. Logging camps, cook houses.....	23	54	35	
D. Logging camps, cook houses.....			7	
A. Railroad construction, cook houses.....	3		10	
B. Railroad construction, cook houses.....	15		9	
C. Railroad construction, cook houses.....	1	2	3	
B. Railroad maintenance, cook houses.....	2		1	
A. Flumes.....	34			
B. Flumes.....	57		17	
C. Flumes.....	5			
B. Flumes, cook houses.....			1	
A. Sawmills, cook houses.....	16	3	8	
B. Sawmills, cook houses.....	6		6	2
C. Sawmills, cook houses.....	6	22	16	
C. Shingle mills, cook houses.....	2	3		
Totals.....	790	190	152	2

- A. Northern Pine District.
- B. Southern Pine District.
- C. Northern Redwood District.
- D. Southern Redwood District.

Chinese are not allowed in Humboldt County—by an unwritten law of the inhabitants of this county—otherwise their number might be greater. Their cooking and service was, on the whole, decidedly inferior to that of the other cooks. It was not an unusual thing to hear complaints regarding them from the men. It is alleged that they will serve up any old kind of food given them for the purpose; that their cooking is unappetizing, and that they also lack variety in their menus. Relative to this latter complaint, it is impossible to say whether they or the companies are responsible. They certainly have not the initiative of the "white" men and women, nor do they generally



**A primitive method of hauling logs to the sawmill, occasionally used in the pine belt. Note the yoke of oxen, also the solid wooden wheels of the wagon.**



**A traction engine being used to haul to the sawmill. This method is only used in the pine belt.**

appreciate the importance of thorough screening, nor the proper cooking and serving of food.

Many employers would prefer to have "white" cooks, but these are not always reliable. It is largely for this reason that Chinese are preferred, as they seldom get drunk or leave the service without due notice. On the contrary, they remain until a successor can be secured, and often secure their own successors and instruct them in the duties of the positions. One Chinese cook was found who had been with the same company for over twelve years.

Some companies employ stewards to see that a proper and sufficient variety of food is supplied to the various camps, and that the cooking and service is what it ought to be. Undoubtedly these stewards more than earn their salaries in the savings effected in the ordering and use of supplies; also in the better satisfaction and increased efficiency of the well fed employees. The relation of wholesome food, well cooked and served, to the physical efficiency of employees, is too often overlooked.

Occasionally, where foreigners are employed, they do their own cooking. This is particularly true of Greeks, Italians, Hindus and Chinese.

Two companies furnished "oleo," one of them having a notice to this effect posted in the dining-room.

**Board.** As will be noted hereafter, the cost of board varies in different parts of the state. One company turns its boarding privileges over to a mercantile company to operate. Another company handled the camp commissary through a firm of contractors, but the service was unsatisfactory and was discontinued in 1913. With these exceptions, all the companies own and operate their own camp dining facilities.

Provisions are dispatched once a week or oftener to the various camps, and the families secure their supplies at the same time. The proper handling of meat is one of the serious problems encountered, in this connection, as too often the meat is exposed to the action of flies, dirt and heat, while in transit, and becomes tainted before being used.

Without any exception, the companies have endeavored to supply screened meat houses, which, in most cases, fairly answer the purpose. Ice is not obtainable in the camps, in consequence of which the meat must be kept in the coolest place available.

Granite or porcelain ware, as a rule, is used, with metal or case knives and forks. Only one company uses silverware with its crockery dishes, on tables covered with white oilcloth, in its logging camps. This company only employs, and desires to please and retain, "white men," instead of the usual cosmopolitan crowd of woodsmen, in its logging camps.

A facetious writer for a San Francisco daily paper last year referred to boarding conditions in the lumber camps of Humboldt County as follows:

One of the novel sights is the cookhouse in operation, where from seven to eight hundred men, as in the cases of some of the larger company towns, eat at one time.

Long before the time set, the crowds of hungry, sweaty toilers gather outside the food corral, ready to stampede when the big chef, in his high, white hat appears at the door, and beats a barbarous tattoo on a great steel triangle.

Fletcherizing is unknown here. Seven hundred men are seated in a long barren room, at tables equally as long, and covered with oil cloth; never a word spoken, except now and then the mumbled order to pass something beyond the reach of the desiring one; only the roar and clatter of table tools, the thud of falling dishes and the scampering of table waiters.

It is a wonderful sight for the tenderfoot, if not appetizing.

At best it is a transitory scene, the lumberjack of Humboldt taking pride in the brevity with which he can consume a man's-sized meal. This record mastication is referred to both in camp and town as the "Humboldt Rush."

The food is far from being appetizing to the epicurean, either in itself or the way it is served. It is coarse and heavy; the men are unwashed, and exude the odor of hard toil.

But twelve hours on the new job will give the beginner an appetite that will bid fair for honors in the rush.

Long hours of wrestling with "sinkers" in the mill pond and "bucking" lumber on the dock will give the new recruit an animal appetite that will develop an astonishing reach at the table.

The cookhouses in the camps, like those in the company towns, are the common dining-rooms of the camps.

Here everything is served a la tub, with little time lost on cleanliness, for in a lumber camp godliness is always below par.

When the long benches are filled with great throngs of hungry men, there is that intense atmosphere of the burning desire to devour, that is most often associated with a horde of wild animals.

There is the clatter of knives and forks, the rattle of reinforced china, and the reach and grab, all of which combine to create a roar far from reassuring to the tenderfoot.

**Garbage.** Garbage cans and barrels are boarding places for flies. Covers are often supplied for these receptacles, but they either get damaged, or lost, in consequence of which the containers remain open to attract the flies.

At one place where several barrels were placed in a row, on sleds, a board cover was hinged to a building, ready to drop simultaneously over all the barrels when in place. This afforded a ready and convenient method of keeping them covered.

For cleansing these containers, weak solutions of certain coal-tar products are advised. Such solutions are at once disinfectants and deodorizers. They are inexpensive, and will kill not only the flies and mosquitoes, but their eggs.

A solution of chloride of lime, one teaspoonful to a pint of water, or a strong solution of water and washing soda, make good cleansers. A discarded whisk broom should be kept for cleaning out the garbage can, for the hands need not come into contact with the dirty water.

Cut grass or a layer of paper is sometimes placed in the bottom of the can to prevent the garbage from sticking to the bottom.

**Hogs.** These are to be found in nearly all camps. Sometimes they are penned up, though sometimes they are allowed to run at large.

The hogpens are often adjacent to, or within a hundred feet of, the dining-rooms, and, in such cases, the stench may become unbearable. Hogpens should be placed at the same end of the camp as are the stables, and, if possible, at a much greater distance.

**Stables.** The location of stables and hogpens too close to various camps is a serious menace to the health of the employees living there. These are breeding places for flies, and the connection between flies and disease is now too well established to need discussion.

Flies carry the germs of typhoid, tuberculosis, diarrhœa and almost every other infectious ill that humanity is heir to. "Fly time" is a term applied to August and September, because during these months the flies are so numerous as to have things all their own way. The killing time should be in May, June, and July, the earlier the better, before the pests become too numerous to exterminate.

The few flies that live in the winter begin in the spring to lay their eggs, depositing them in refuse, stable manure, or decaying organic matter. In six or eight hours the eggs are hatched into maggots. The maggot develops in four or five days, and in turn becomes enveloped in a hard brown case. After five days the case opens and the adult fly appears.

The best way to exterminate flies is to destroy the breeding places. Until recently there was no simple, efficient and inexpensive method known whereby maggot life (the early stage of fly life) could be destroyed in manure without injuring the fertilizing value of the manure.

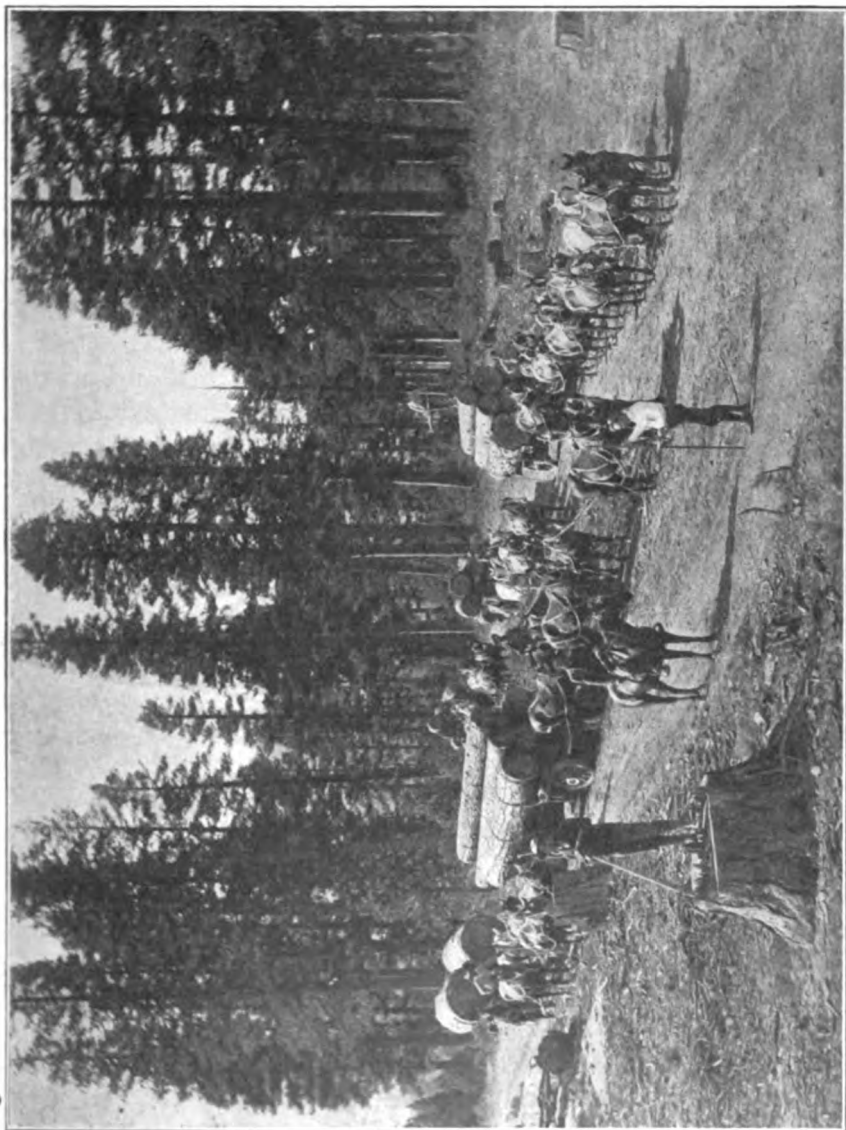
Paris green in watery solution—one pound to twenty-five gallons of water—appears to be the solution of the problem. It proves to be highly efficient, as a maggot killer; it is easy of application, comparatively inexpensive, and, in a negative way, increases rather than diminishes the fertilizing qualities of the manure.

Take a common garden watering can, fill it with water, add a teaspoonful of Paris green and stir until dissolved. Use this daily on the fresh manure and you will swat the fly in the most effective way.

This weak solution is not dangerous to stock; they would have to eat large quantities of the bedding to be affected.

A can of this solution should be kept in every barn and labeled "POISON."

Further information on this subject is contained in this bulletin: "Practical Methods of Disinfecting Stables," Farmers' Bulletin No.



Horses are often used to haul logs in the pine belt when it is inadvisable to build a railroad to transport them.



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In all the camps where horses are stabled, with the single exception of those of one large company, no effort was made to remove the manure frequently and sterilize the premises.

Manure piles varying in size up to six feet in height and forty feet in length were found. It is easy to conceive what were the immense possibilities of fly propagation under these circumstances.

When the absence of effective screening is considered in connection with the other insanitary conditions generally prevailing in the camps, the close connection of flies with "camp disorders" is easily understood.

The sanitary regulations of the U. S. Reclamation Service, Washington, D. C., state that:

The most important sanitary provision in connection with camps is that of exclusion of flies from cook tents, mess tents and privy vaults; yet this is the very provision which is most frequently overlooked.

Therefore, special care should be taken to exclude flies from all places in which foodstuffs are exposed, and, if necessary, in the large camps a man should be detailed to accomplish this purpose.

Of equal importance is the thorough screening of privy vaults and vault apartments, for it is from such places that flies, carrying upon their bodies effete material, diffuse throughout the camp an epidemic by coming in contact with food.

Without proper screening, a disastrous epidemic of typhoid may be easily spread through a camp if one of the members of the camp, or indeed, a transient guest, should be in the prodromal stage of the disease. It is at these times that the discharges are most virulent.

(Manual of the Reclamation Service, pp. 319-324.)

### PART III—SUMMARY BY DISTRICTS.

The following reports are a résumé of some of the salient matters under investigation in the various districts:

#### A. NORTHERN PINE DISTRICT.

**Location.** This includes the counties adjacent and to the north of the Feather River, to wit: Modoc, Lassen, Plumas, Butte, Tehama, Trinity, Shasta, and Siskiyou, extending to the Oregon state line. It extends also from the Sacramento Valley to the Nevada state line.

**Plants.** The companies visited included sixteen sawmill companies operating nineteen sawmills, seven box factories, one match factory, one veneer factory, three sash and door factories, besides numerous lumber yards and planing mills; also three independent box factories and two sash and door cutting factories. This number embraced all the important lumber manufacturing establishments in this district.

Thirty-nine camps of lumber companies in this district were also inspected.

The total number of employees listed on the pay rolls of these companies at the time of the visits was 5,583. This is exclusive of employees of railroads which are common carriers.

**Families.** Two hundred fourteen families were living in the camps of these companies. This number does not include those living in the towns, whether owned by the companies or not. Those communities where all or nearly all of the property is owned and held by a company, and under the supervision of one person, are usually dubbed "one man towns," or "company towns," and there were eight of these in this district.

Camp life in the pine woods affords a pleasant diversion during the summer months for many families of employees who reside in towns during the balance of the year.

**Employment Agencies.** Six companies use employment agencies and import men from Sacramento, Marysville, Redding, and Portland, Oregon.

**Board.** The cost of living in the camps of this district is equal to, or greater than it is in any other section of the state. The rates charged by the various companies and deducted monthly from the wages of their employees in the logging camps were as follows:

Three companies charged \$20.00 per month.

One company charged \$21.00 per month.

Eight companies charged at the rate of 25 cents per meal, or \$22.50 per month.

The rates for board in company hotels average higher than this, usually to \$25 per month for board, or \$30 to \$32 per month for board and room.

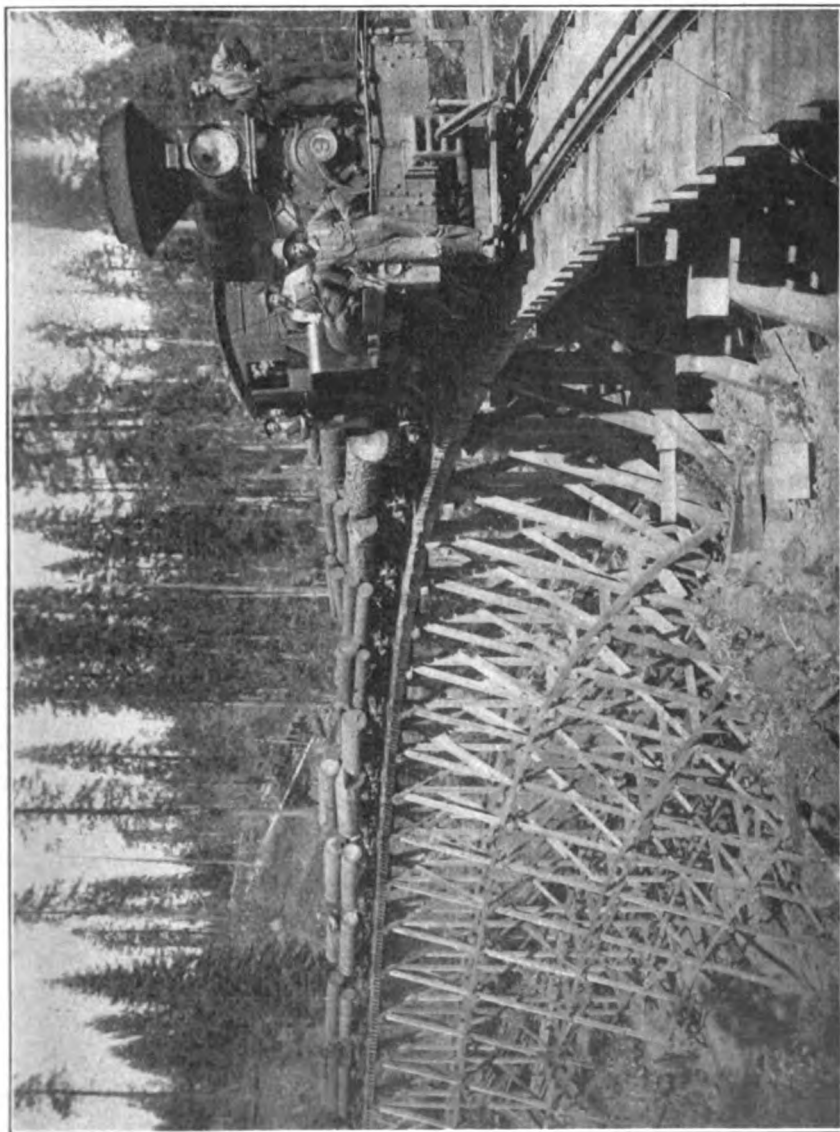
**Housing.** In all logging camps, except those of one company, the housing is free. One company furnishes iron beds with spring mattresses, hot and cold tub baths, and laundry work, for \$2.50 per month extra. This charge is obligatory. Chinamen in these camps do the laundry work and attend to the bathhouses. The Chinamen receive \$65 to \$70 per month and board themselves. Wood fuel for heating water for laundry and baths cost \$3 to \$3.50 per cord. "Bull cooks" in the camps cut the fuel into two foot lengths; sweep out the bunk tents; clean up the camps; haul garbage to the pigs, and receive \$40 per month and board. A camp of fifty men, each paying \$2.50 per month, the manager stated, would justify the conveniences and service rendered in these logging camps.

The present method of bunkhouse construction is based upon using movable buildings which may be shifted onto logging cars and moved to new locations. The size of these bunkhouses depends somewhat on the size of the logging cars, which in turn vary with the gauge used

for railroad tracks. For instance, narrow bunkhouses must be used where narrow gauge tracks are maintained.

The best bunkhouses were 10 feet by 16 feet or 10 feet by 18 feet in size, each having three half-windows, a door and one stove. These accommodate three or four men each, and were very satisfactory. Other bunkhouses used in conjunction with a narrow gauge railroad were 9 feet by 20 feet, having two doors and four windows. Bunk cars were found of various sizes. Two were 8 feet by 40 feet and 9 feet high, containing sixteen bunks—eight above and eight below. Each bunk had a small window, 10 inches by 16 inches, hinged beside it, which might be left open or closed at the option of the occupant. Two half-windows were at the sides of the car and a stove in the center. Entrance was had through doors at either end. A train consisted of two bunk cars, a dining car, a cook and commissary car.

At another place the bunk cars were 10 feet by 20 feet, having four wooden bunks each. One car, 10 feet by 20 feet, had four double-deck wooden bunks. Another car, 10 feet by 30 feet, had seven wooden bunks on the floor. Each car had three half-windows and a door. Not all of the woodsmen, however, live in cars or bunkhouses. For instance, in one camp there were twenty-four tents, 12 feet by 14 feet, provided with three single iron bunks, and a stove in the fourth corner. Four tents, 20 feet by 40 feet, had eighteen single iron bunks. These tents were floored and were regularly cleaned out by a "bull cook." At another camp there were nine tents, 12 feet by 14 feet, unfloored. Two had two wooden bunks each; one had three wooden bunks, and four had four wooden bunks. One tent, 14 feet by 20 feet, had six single wooden bunks. Two men had been sleeping on the hay in an open stable until two others left the camp, when they took the vacant bunks. At the sawmill camp of this company the assistant superintendent stated that "some of the men craved permission to sleep in the hay mow at the large stable," in preference to sleeping in the bunkhouses. The reason was obvious—bedbugs were too prevalent here. At this place one bunkhouse, 20 feet by 40 feet, had a ridge pole 20 feet above the floor, and the roof sloped from the ridge pole to a height of 9 feet from the floor. This house had two half-windows on the south side, both closed; a double window on the west side was never opened, and the one half-window on the east side was closed. The only door was left open. This house was provided with eleven wooden bunks and was occupied by Italians, who insisted on keeping the place entirely closed at night. One Italian was found here sick with pneumonia, sleeping on straw bedding in a wooden bunk. The company doctor had been treating him here instead of securing a better place for him. This employee had been with the company for some time, paying hospital fees, and in his extremity was treated little better than a dog.



A logging train en route to the sawmill. Such bridges, on curves, as here shown, are in general use.

Suffice to say, when the superintendent was informed by the special agent of this case, the man was removed to better quarters and given better care.

Permanent bunkhouses, as found in some of the older camps, were very dilapidated; were equipped with double-deck wooden bunks and were greatly in need of cleaning.

Only two companies were paying a considerable amount of attention to the matter of the proper housing of their men. Three companies only were employing camp flunkies or "bull cooks."

**Hotels.** Four companies maintain public hotels for the accommodation of transients as well as their own men.

**Bunks.** Only two companies had installed iron bunks in their logging camps, while another company had just ordered some which were on the way. Since the survey was made nine companies have installed 1,713 single and 159 double-deck steel bunks. Two companies, which began operations in 1914, have likewise installed iron bunks. These companies are entitled to considerable commendation for their efforts toward the proper housing of their employees.

**Coupon Books.** Ten companies operate mercantile stores, and of these seven utilize coupon books in denominations of \$1, \$2.50, \$3, \$5, \$10 and \$20.

**Hospital Fees.** Fourteen companies deduct \$1 per month as a hospital fee. This fee is obligatory.

**Taxes.** In Lassen, Plumas and Butte counties, the road tax is \$2, poll tax, \$2, county hospital, \$1; in Shasta County, the road tax is \$2, hospital tax, \$2, poll tax, \$2; in Siskiyou County, the road tax is \$2, poll tax, \$2. These taxes are deducted each year by the companies on the demand of the various assessors, from the wages due their employees.

**Lights.** In the logging camps, kerosene oil or candles are used for lights. In no instance was electricity used for lighting purposes.

**Dining-rooms.** In nearly all cases, the dining-rooms were adjacent to the cookhouse for convenience in performing the work. Only fifteen dining-rooms were effectively screened, while twenty-four were not. It seemed incongruous to find camps, which in all other respects were above reproach as to sanitation, lacking in screening for their dining-rooms and kitchens. Some cooks were careful to keep garbage cans covered to protect the garbage from flies, while the kitchens were unscreened. Some kitchens were screened throughout, but one or more doors were either tied open or deliberately left open. One company had completed a first class new dining-room and cookhouse, equipped with screens on the windows, but without screen doors.

**Garbage.** The inevitable kitchen refuse was disposed of to hogs kept on the premises. In most cases the garbage cans and barrels were found uncovered and attracting flies. The garbage was placed, as a rule, in barrels, which were hauled away on sleds to the hogpens. In one place, the garbage was transported through a flume to the hogpen. Waste kitchen water was carried away by pipe, flume, or open ditch, and only one company disposed of it into septic tanks. These tanks were seventy-five feet from the kitchens, and were earthen pits 8 feet by 18 feet, 8 feet deep, covered with boards, with earth on top.

**Stables.** In the "wheel camps," horses are extensively used. The manure in most of these camps was allowed to accumulate alongside of the barns to a height of four to six feet. At least thirteen such cases might be cited. Stables were built of various types, varying from frame buildings to those entirely enclosed by tenting. The only company using the latter method was making a creditable effort to dispose of the manure pile, and to disinfect the premises regularly by a preparation of diluted creosote. The tenting extended to the ground, and by keeping the interior of the barn dark, the flies remained outside.

**Toilets.** In the matter of toilets, a wide variation of conditions was found. Sanitary toilets were in use in some factories. In two factories, their use had been interfered with by miscreants who used blocks of wood to put them out of order. In other places, the vaults were full, and the toilets should have been moved, and at one camp there were no toilets. Several companies were using chloride of lime regularly to disinfect the toilets, while at other places, no attention whatsoever was paid to them. In the best camps, the privies were placed directly to the rear of, and over one hundred feet from, the bunkhouses, the intervening space being cleared of all underbrush, so that the privies were readily accessible. Further than this, the privies were so enclosed as to keep the vaults dark. In consequence of this precaution, the flies did not frequent the vaults. This is an important precaution in the prevention of the carrying of typhoid germs, by flies, from the toilets to the dining-room.

**Baths.** In three camps of one company, shower baths were used. These bathhouses were 8 feet by 12 feet, 7 feet to the eaves, and had pitched roofs. Small windows were in the upper portion at either end of the building. Two shower rooms, 4 feet by 4 feet, were partitioned off at one end of the building; a door was at the opposite end, and a latticed floor was used on which to stand. These houses were of the portable type, so that they could be shifted from place to place with the bunkhouses. Hot water was supplied through four

coils, 30 inches long, made of 2 inch pipe, laid flatwise near the ground. An oven was dug underneath in which the wood fuel was placed. Any employee could start a fire in the oven at any time, and the hot water would be ready by the time he was prepared to bathe. The water was supplied to the coils by gravity pressure from a tank car at some distance away. This was the cheapest, if not the most efficient, shower bath arrangement found in use. Only "white" men were employed by this company in its camps, and they were appreciative of the shower baths furnished for their use. No charge was made, in these camps, for the use of the shower baths. Two sawmills and one box factory had shower baths.

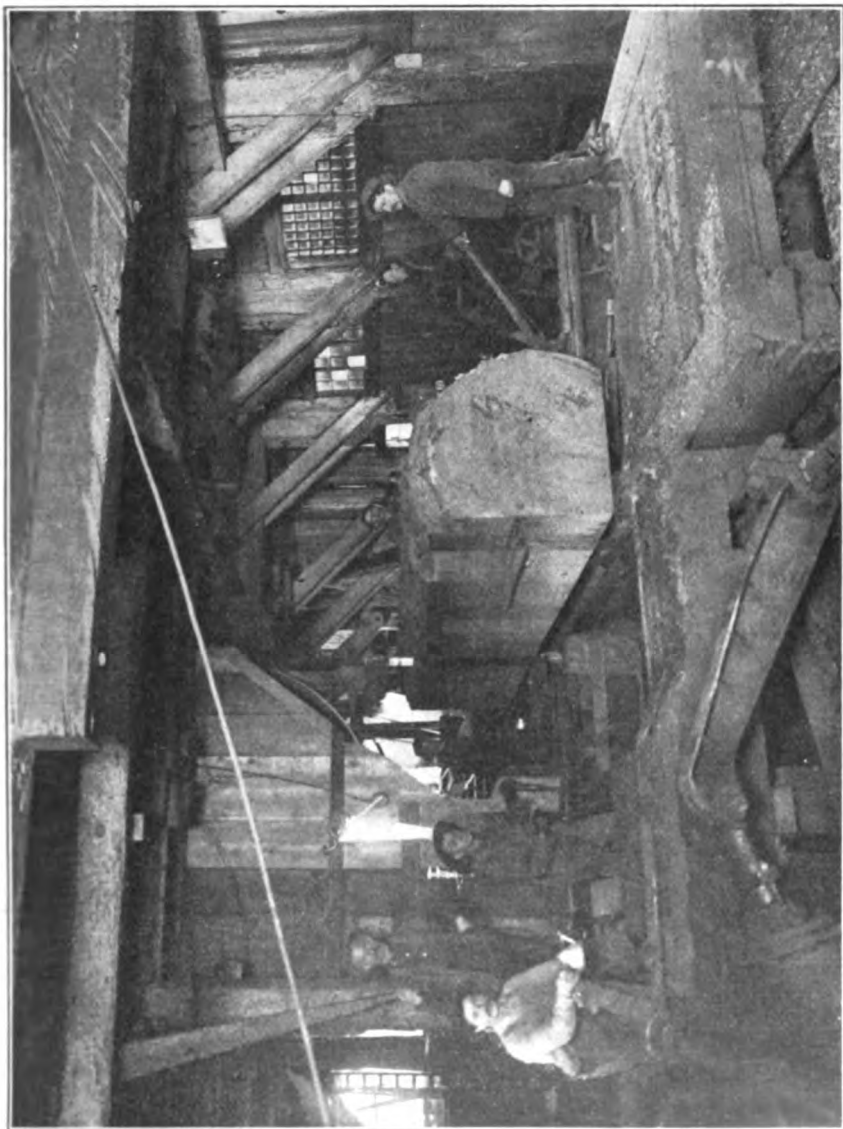
Another lumber company, in two of its logging camps, had portable bathhouses, on skids. Each of these contained three bathtubs supplied with hot and cold water, the waste water going to a septic tank. Coils were placed in ordinary stoves and the water, when heated, passed into a 400 gallon tank. Both houses had stoves to heat them, and were well kept by Chinese who operated laundries for the men.

**Water.** Most of the camps are supplied with spring water, piped directly from springs. In several instances, these pipes extend upwards of a half mile in order to insure a perfectly safe supply of water. In several places, the water was brought through open ditches, or was transported to camp by the use of tank cars. In one instance, a redwood pipe line, five miles in length, was being constructed to supply a sawmill camp with a pure supply of water. One shallow well was found in the vicinity of a barn, where the manure was piled five and six feet high on both sides of the barn. The water from this well was used by Hindus, who occupied the nearby bunkhouses.

At a camp, near a marsh, a ten foot well was found where the water was very whitish, due probably to seepage from the marsh. The same company had another well fifty feet from a creek, and water was hauled to camp from this place. So far as could be ascertained, no typhoid infection had been traced to any of the sources of water supply.

**Food.** Four companies were notorious for the bad food supplied to their men. One company supplied, in its cookhouses, "oleo," and poor meats, which the housekeepers in the camps refused to purchase.

**Liquor.** None of the companies handle liquor or permit its sale in their logging camps. Two companies sell liquor at their stores, or barrooms, under certain restrictions, but this is only done to keep the men from going elsewhere. As a rule, the managers appear to be strongly opposed to the use of liquor by their men.



Interior of a sawmill showing method of operation with a band-saw. The log, on the "carriage," is under the control of the band sawyer operating the two levers, as shown at the left. He is assisted by the "setter," and two "doggers" on the carriage.



One company erected its plant about twenty-five miles from town, and arranged, at heavy expense, for a railroad to be extended to its property, in order to be entirely free from the proximity of saloons. It will allow no liquor to be brought on to its land. One lumber company has issued the following notice:

Commencing June 1, 1914, all employees of the company must refrain from using intoxicating liquors, and all officers shall refuse employment to men known to frequent saloons.

This company employs upwards of sixteen hundred men, in various capacities, and the above notice will have a far-reaching effect upon them.

At one camp, the donkey engine set fire one night to some nearby timber. It required all the men in the camp to put out the fire, which caused the loss of the donkey engine and considerable timber, having a value of over \$600. This loss was due to the failure of a trusted night watchman to be at his post of duty, because he had imbibed too freely following a pay day.

Another company has posted a set of rules, which includes this warning:

Any employee appearing on or about the works of this company in an intoxicated condition, subjects himself to dismissal.

**Hospitals.** Five companies had constructed and were maintaining hospitals. One of these could hardly be called such, as it was an old, one story, frame building, built of unplanned lumber. Instead of plastered walls, the boards were covered with newspapers. It consisted of two rooms, 10 feet by 12 feet, and 12 feet by 14 feet, used for bedrooms, and one room, 12 by 16, used for drug supplies and for cooking purposes. One bed was in the first room, and two were in the second room. The windows were unscreened. The movements of the logging trains past this hospital caused the building to shake, and thus to disturb those who were so unfortunate as to be confined there, so that they were unable to sleep during the day. Such an establishment would not be tolerated elsewhere. This company was collecting several hundred dollars monthly, however, as hospital fees.

The other hospitals were well equipped, and a credit to the companies which maintained them. One was particularly deserving of praise, on account of its superior equipment. This hospital had a fine X-ray outfit, also anti-toxins for tetanus, diphtheria, and meningitis. There was an isolated building for contagious cases, also a morgue and a mortuary chapel. Two cases of typhoid were in the hospital at the time of visit. One was a Greek, a former employee, who went to San Francisco, became sick with typhoid, and returned here long enough to get his name on the pay roll, when he had to

come to the hospital for treatment. This, apparently, was a case of imposition on the company.

**Medical Cabinets.** In seventeen instances, medical cabinets were supplied, while in twenty-two other instances they were lacking. At several places, the cabinets were not fully equipped in accordance with the law.

**Doctors.** In most cases, doctors were located at, or near, the saw-mills, convenient of access to the camps. These camps vary in distance, from one to thirty-five miles from the doctor's offices. Several of the companies have issued instructions to detach engines from any train, in emergency cases, and bring those injured directly to the doctor.

**Sickness.** Stomach trouble appears to be one of the most prevalent physical disorders in the lumber camps. Typhoid had broken out in but one camp, which had sent four cases to the hospital. The cause of this trouble was not definitely known at the time of inspection.

**Accidents.** The companies investigated had reported to the Industrial Accident Board during the year 1913, a total of thirteen men killed, eight permanently injured, and one hundred twenty men disabled for periods exceeding seven days each. This, however, is not to be considered the total number injured, for several of the companies were negligent in the matter of reporting accidents. A large number of minor accidents had also occurred, incapacitating employees for less than seven days, but these, however, were not required to be reported.

**Minors.** Twelve companies were employing thirty-four boys under eighteen years of age. When the requirements of the law were explained to the various managers, twenty-one of these boys were discharged, as they could not be profitably employed on a forty-eight hour weekly schedule. At least three of these boys were glad to return to school, which was then in session.

**Wages.** Six companies were found negligent in the matter of paying wages to their employees on, or before, the fifteenth of each month. No company was found paying in cash, all of them using negotiable bank checks instead.

**Noon Hour.** One company gave its employees forty-five minutes at noon—a violation of the requirement for a full-hour for the noon-day meal. At this plant, the men were given but forty-five minutes in order to get through with the twelve and one half hour schedule earlier in the evening.

**Blowers.** In the matter of blowers nearly all the factories and mills were found to be well equipped. In one instance, a sand-papering machine was found to be without a proper connection to the blower system of the plant.

**Hours.** The hours of labor, in all the camps and mills, are ordinarily limited to ten per day. Two sawmills and several box factories were operating "time and a quarter," that is to say, twelve and one half hours, for which the employees were paid "straight time" for the two and one half hours overtime.

**Cooks.** Seven companies, operating twenty camps, were employing Chinese cooks; four companies, operating five places, were employing women, while the other companies employed "white" male cooks.

**Nationalities.** Nearly all nationalities were represented, to a greater or less extent, in this district. Only one company in this state employs Hindus. This company is in this district, and employed ten Hindus in piling lumber. The leading nationalities are American, Italian, Greek, Swedish, and German, in the order given.

#### B. NORTHERN REDWOOD DISTRICT.

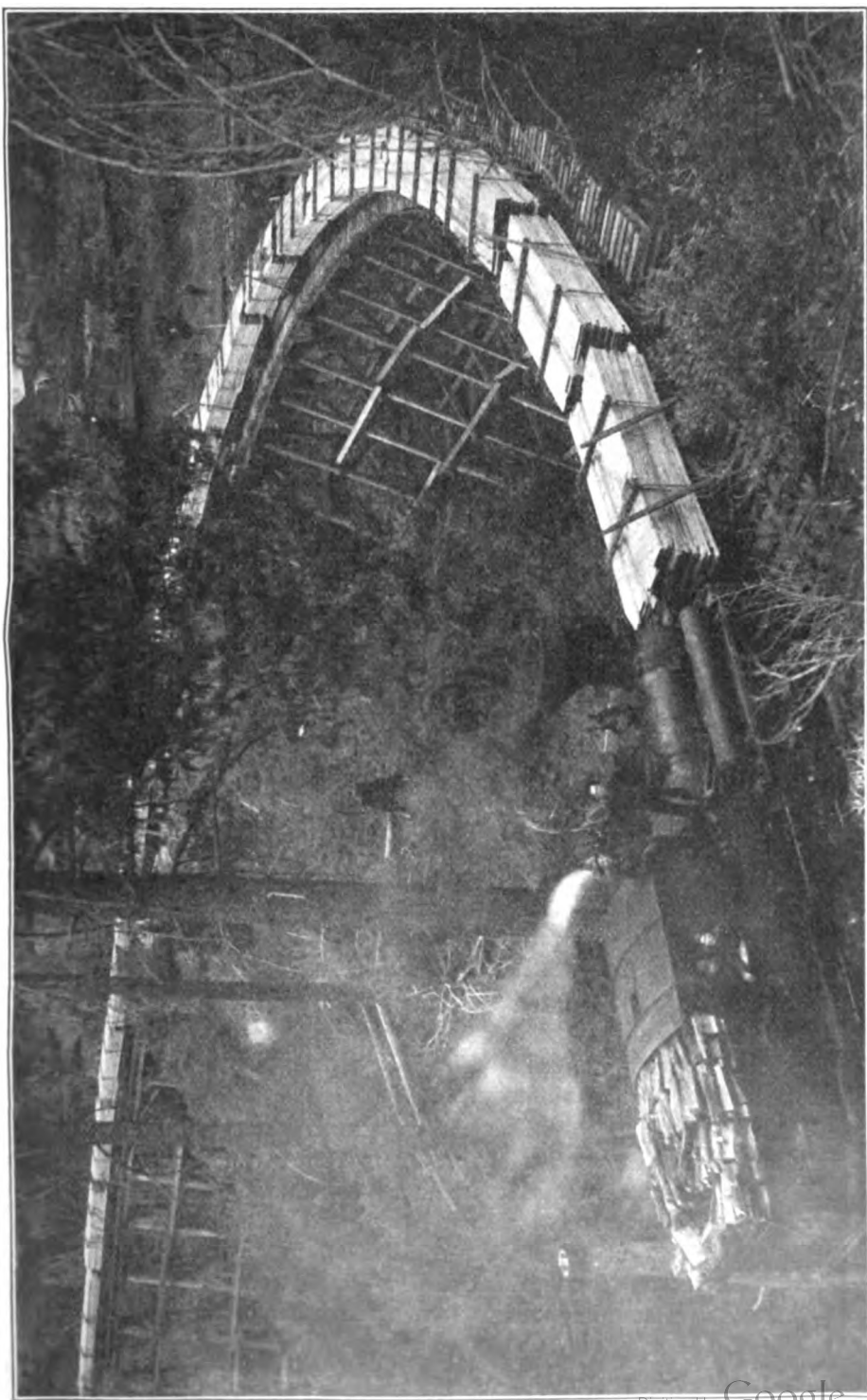
**Location.** This district embraces Del Norte, Humboldt, Mendocino, Sonoma, and Marin counties, all bordering on the Pacific Ocean, and traversed by the Coast Range mountains. Lumbering is carried on, almost exclusively, in the redwood forests of this belt, which extends from the Oregon line southerly for a distance of two hundred miles.

**Plants.** The plants visited, included those owned by seventeen companies, operating eighteen sawmills, most of them having shingle departments in connection with their plants; eight shingle mills and their camps; two door and planing mill plants, and one cooperage plant.

Forty-six logging camps were inspected in the first three above-named counties. Statistics of 7,198 employees were secured of the various lumber companies. There were doubtless 1,500 other employees, of whom no statistics were obtained, because three large companies and several smaller ones had closed down their plants or camps prior to the conclusion of the survey at Christmas, 1913.

**Families.** One hundred eleven families were residing in the camps. The desirability of families living among the redwoods is not nearly as great as it is in the pine belt. There is less sunshine in the forests, and the air is not nearly as invigorating as in the pine district. Eight communities might be termed "one man towns," or "company towns," where all or nearly all the property was controlled by the local lumber company.

**Employment Agencies.** Practically all the companies, in and near Eureka, avail themselves of the services of employment agents having offices either in Eureka, or in San Francisco. The lumber companies maintain, in Eureka, a free employment agency, though licensed agencies also operate there. Men are brought from San Francisco by boats, owned by the various companies, to work in the logging camps in Del Norte, Humboldt, and Mendocino counties.



A train load of lumber being hauled from the sawmill to the lumber yard.

**Board.** A number of the companies make no deduction for board. Wages in such cases include board. In cases of rainy weather, or when other conditions prevent operations, no deduction is made for the board furnished and the companies stand the loss.

The companies have set a value on their board, which has been added to the wages of their employees, in order that an average scale of wages in the various occupations in the lumber industry might be determined.

Nine companies, in Del Norte and Humboldt counties, figured their board at \$15 per month, and three at \$18.

In Mendocino County, four companies figured their board at \$12 and one at \$13 per month. It is manifest that these values must be considerably below the actual cost of the board furnished, but, as one manager expressed it, "they would rather stand the loss on the boarding houses than to increase the wages of the men." One company, in Mendocino County, had announced that, beginning with January 1, 1914, board would be charged for at the rate of \$18 per month. Nothing was announced as to any increase of wages for those who boarded at the company's cookhouses.

**Housing.** In none of the logging camps is a charge made for accommodations furnished. A number of the camps have been located for several years without being moved, and generally speaking, the premises were greatly in need of attention. As in the pine belt, the companies extensively use portable bunkhouses of various sizes. Most of these houses are 12 feet by 16 feet, or 12 feet by 18 feet, accommodating three or four men each. In Mendocino County, the houses were generally 10 feet by 16 feet, and were arranged to accommodate four men each.

In several of the "company towns," the men were able to secure good housing accommodations, with conveniences, by paying \$2.50 to \$3 each, per month, where two men occupy one room, or up to \$10 per month, where one man occupied a room exclusively.

**Hotels.** Three companies maintain hotels for the accommodation of transients. One of these has been beautifully finished, in the office, lobby, and dining-room, with burl redwood, and this hotel is the only one so finished to be found anywhere.

**Bunks.** With one exception, all the lumber camps in this district were supplied with wooden bunks. One company not only had installed iron bunks, shower baths and a screened dining-room in its well arranged camp, but also had electric lights installed in each bunkhouse, so that they were well lighted up to 10:00 p. m. This camp was referred to as the model one of Humboldt County, and was the nucleus of the extensive camp improvement work which has been done, since the

survey was made, by the managers of the other lumber companies in this county.

Since the inspection of these camps, thirteen companies in Humboldt and Del Norte counties have installed 1,891 steel bunks.

Six large companies, in Mendocino County, employing hundreds of men, have installed only forty-five single steel bunks in their logging camps—a very poor showing compared with their northern competitors.

**Coupon Books.** Thirteen companies were operating mercantile stores, and of this number only two companies used coupon books. One company was using, instead, a species of paper money, while other companies kept sales slips recording the various purchases.

**Hospital Fees.** Six companies made an arbitrary deduction of one dollar per month as a hospital fee; two companies charged ninety cents per month, while others required their employees to carry hospital cards. These were secured from several hospitals, in or near Eureka, at the option of the holder, on the basis of one dollar per month, or ten dollars per year.

**Taxes.** In Del Norte County, the road tax is \$2, and hospital tax \$3; in Humboldt County, the road tax is \$3 and poll tax \$2; in Mendocino County, the road tax is \$2, hospital tax is \$1, poll tax \$2. These several amounts were deducted from wages of employees by the various companies as required by the assessors.

**Lights.** One company was using calcium carbide to generate acetylene light for use in its dining-rooms. One camp was equipped with electric lights in the bunkhouses, while in the balance of the camps the men maintained their own lights.

**Dining-rooms.** As in the pine belt, the cookhouses and dining-rooms were usually combined in one building for convenience. Of those visited, thirty-three were not effectively screened, leaving only about six houses which were effectively screened. Where women were employed, they were more particular than where men only were employed, to keep the dining-rooms screened and darkened to exclude the flies.

**Garbage.** In nearly all cases, garbage was disposed of to the hogs, which were kept in the various camps. The usual mode was to haul the garbage in barrels, on sleds, or carry it in pails to the pens. In most cases, the garbage cans were left uncovered.

**Stables.** At least six camps had large accumulations of manure on the premises. Horses are not used in the redwood districts as extensively as in the pine districts.

**Toilets.** In the matter of toilets, the sanitary conditions in many of the camps deserved severe criticism. Three privies in one camp were found to be completely filled. The foreman stated, in extenuation, that

his was all right, and he considered that the men were capable of taking care of theirs. Seven camps were not provided with toilet facilities, while at least two other camps had toilets over gulleys, where the excreta was subject to the action of flies.

**Baths.** As mentioned heretofore, only one camp was found to be supplied with a shower bath. The men here were slow at first to avail themselves of the privileges of the bathhouse, but after a short while it came into general use and was greatly appreciated.

**Water.** Water is piped to the camps from springs in nearly all cases. The length of the piping varies from one hundred feet to two and one half miles, indicating that every effort is made to secure a pure supply of water. In two cases, well water is used, and in one case, water was flumed for five miles.

**Food.** The quality of cooking varied with the class of cooks employed. No general statement can be made on the character of the food supplied. Some companies were very particular about having a good variety of food, while others left it largely to their cooks, who, if they lacked initiative or ability, or had limited supplies, were apt to furnish but very little variety.

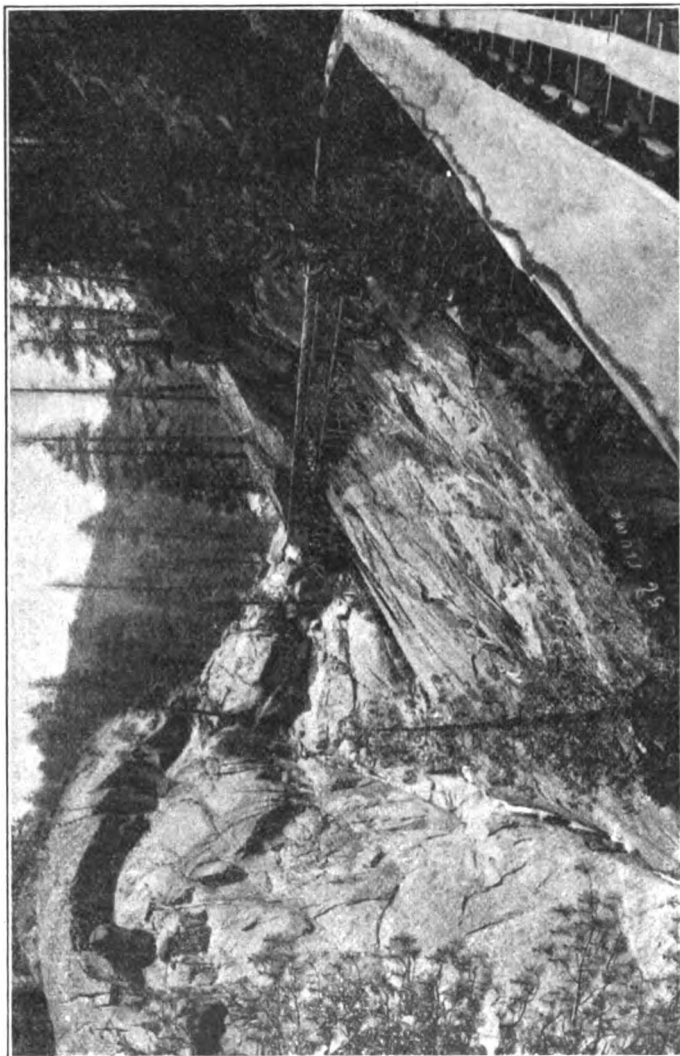
**Liquor.** While liquor was not sold by any of the companies visited, it was readily obtainable by their employees. No regulations regarding its use on the premises of the various plants, had been posted. Outside of a few towns where liquor is sold, Humboldt and Mendocino counties are "dry."

**Hospitals.** Two companies owned and maintained their hospitals, while the other companies had arrangements with various doctors to take care of their cases. In Eureka, three large hospitals are located, which issue hospital tickets. Their clients are cared for by them when occasion requires. Tickets are sold by these hospitals on the basis of one dollar per month, or ten dollars per year.

**Medical Cabinets.** There were eighteen violations noted of the Medical Cabinet Law. These violations were probably due, in most cases, to lack of knowledge of the law, and not through any intent to evade it. In a number of instances the cabinets were not fully supplied with various articles designated in the law.

**Doctors.** The most remote camps were located at a distance of twenty-five miles from a doctor, though usually doctors were available ten to fifteen miles from the camps. Three companies had their railroad men instructed, whenever such emergencies arose, to bring injured woodsmen directly to the hospital, on special engines.

**Sickness.** No typhoid cases were found, and but one smallpox case was reported during the survey. Where the patient contracted smallpox was not known at the time of inspection.



A view of a flume used to convey lumber from the sawmill in the mountains to the lumber yard sixty miles away.



**Accidents.** During the year 1913, the various companies that were inspected, reported to the Industrial Accident Board a total of twenty-one men killed, thirty-nine permanently injured, and four hundred twenty-five employees incapacitated for periods exceeding seven days each. Accidents of a minor nature were not required to be reported, but the number of them was very large.

**Minors.** Six companies were employing ten boys in violation of the Child Labor Law, the violation consisting, in each case, of employing them over forty-eight hours per week. One minor was discharged, as the company could not utilize his services on a forty-eight hour basis.

**Wages.** One company was negligent in not paying its employees on or before the fifteenth of the month succeeding that in which the wages were earned. All the companies use negotiable checks in payment of wages.

**Noon Hour.** Three companies allowed their employees thirty minutes for lunch at noon, one company allowed forty-five minutes, and another allowed fifty minutes, for the same purpose. In several of these cases, this was done at the wish of the men themselves, in order that they might get home earlier in the evening.

**Blowers.** Owing to the nature of the redwood sawdust—it being heavily saturated with moisture—it does not work well in a blower system, and, as a result, most of the plants were not so equipped. One company, however, had installed a first-class blower system that effectively disposed of all of its redwood sawdust and shavings. This company utilized this refuse in the operation of its electric light plant, which supplied electricity to six towns along the Mendocino coast. It also operated its sawmill at night, largely for the reason that the waste fuel was necessary for the above purpose. Sawdust was especially noticeable around shingle saws, because the devices used were not adequate to prevent it from being carried through the mills.

Redwood sawdust is said to have a strong acid nature, and to be somewhat poisonous when in contact with open wounds.

**Hours.** All camps and sawmills operated on a ten hour basis. In Eureka, two independent planing and moulding mills were operated eight hours a day on a union scale of wages.

**Cooks.** Twenty-four lumber companies, operating in 1913, in Humboldt and Del Norte counties, had seven camps supplied with male cooks, assisted by female help; ten camps were operated by male cooks exclusively, and twenty-six camps operated with women cooks.

The particular reason why Chinese cooks are not utilized in Humboldt County was explained as being due to their being driven out of the county years ago in consequence of which none have returned. It

is to be regretted that the same condition does not obtain elsewhere in this state.

All the seventeen camps in Mendocino County were operated with Chinese cooks.

**Nationalities.** All nationalities were represented in this district. Finns, Russians, and Portuguese are largely employed here, but are not found elsewhere in the state to any extent. Even Turkey, the Philippines, Australia, and Porto Rico have representatives on the various pay rolls. However, Americans and Italians are the leading nationalities in the number of men employed.

#### C. SOUTHERN REDWOOD DISTRICT.

**Location.** The counties of Santa Clara and Santa Cruz may be said to comprise this district, though sawmills were operating only in the latter county. This district is well logged out for lumber. At the present time the work is principally done by wood-choppers in remote camps, of whom no statistics were obtainable.

**Plants.** Three sawmill companies were operating in the spring of 1914 in Santa Cruz County, and one of these expects to be through with its logging this year. These companies employed 284 men.

**Families.** Twenty-four families reside in the logging camps.

**Board.** Two of the companies figure their board at \$20 per month, while the third figures it at \$18 per month. The men in the several camps of these companies live in bunkhouses, which were generally 8 feet by 14 feet or 10 feet by 16 feet in size.

**Hotels.** No hotels were operated by these companies.

**Bunks.** One company this year, of its own initiative, had installed seventy-five steel bunks, while the other companies continued the use of wooden bunks.

**Coupon Books.** None of the companies operated mercantile stores, hence did not utilize coupon books.

**Hospital Fees.** One company deducted one dollar per month as a hospital fee. This charge was obligatory.

**Taxes.** In Santa Cruz County, the road tax is \$2, and the poll tax is \$2, which taxes are annually deducted by the several companies from the wages of their employees.

**Lights.** Kerosene lamps were utilized for lighting purposes in the various camps.

**Dining-Rooms.** Of the four dining-rooms visited, three were effectively screened.

**Garbage.** Garbage, in cans, was not protected from flies. As in other camps, it was disposed of to hogs kept on the premises.

**Toilets.** The privies in the camp were in fair condition.

**Baths.** No shower baths were available in any camp. One manager stated that he intended to install a shower bath as soon as he moved his camp to another location.

**Water.** Water was supplied from nearby springs.

**Hospitals.** No hospitals were maintained by these companies. Arrangements were made with various doctors to take care of the accident cases as they occurred.

**Medical Cabinets.** One company was supplied with medical cabinets and the other companies planned to install them.

**Sickness.** No cases of typhoid or other contagious diseases were found in any of the camps.

**Accidents.** No accidents were reported during 1913, to the Industrial Accident Board by any of these companies.

**Minors.** No boys were employed at the time of the inspections.

**Cooks.** Chinese cooks were employed in the three camps which were visited.

**Nationalities.** The principal nationalities represented are the American and Italian.

#### D. SOUTHERN PINE DISTRICT.

**Location.** The extensive logging operations in the southern part of the state are carried on in Tulare, Fresno, Madera, Mariposa, Tuolumne, Calaveras, Amador, El Dorado, Placer, Nevada, and Sierra counties.

From west to east this district extends from the Sacramento and San Joaquin valleys to the summit of the high Sierras.

The timber which is being logged is the best to be found anywhere. Lumber from gigantic sequoias and splendid sugar pine trees forms a large portion of the output from this district.

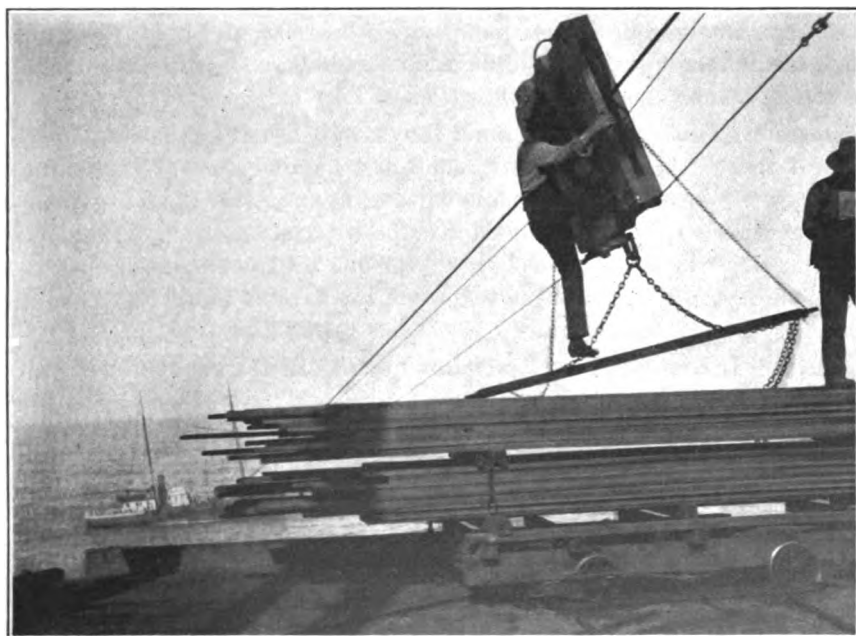
**Plants.** All the sawmill plants in this district were visited. The list includes eleven companies, operating eleven sawmills, eight planing mills, eight box factories, three sash and door cutting factories, one sash and door factory, one shingle and lath factory. Two independent planing mills and box factories and one door factory were also inspected.

Statistics regarding 5,495 employees were obtained.

**Families.** In twenty-one camps, operated by these sawmill companies, ninety-two families were residing. This number is exclusive of those families that reside in what are termed "one man towns," or "company towns," of which there were seven.



Loading a vessel at sea, with lumber, as performed along the Mendocino Coast.



Attaching a load of lumber to the pulley block preparatory to transferring it on board the ship.

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**Employment Agencies.** Only one company utilizes employment agents to any extent, while the other companies send to their city offices for men as needed.

**Board.** Two companies figured board in their logging camps at \$15 per month; two at \$18; five at \$20, and two on a basis of twenty-five cents per meal. In several cases the wages in the camps included board.

**Housing.** Most of the bunkhouses were 9 feet by 20 feet, 10 feet by 20 feet, or 12 feet by 16 feet, in size. They were made to accommodate three or four men each, and were generally built on skids so that they could be hauled onto the logging cars and moved elsewhere.

**Hotels.** Four companies furnish hotel accommodations to transients.

**Bunks.** In this district, seven companies this year, of their own initiative, have installed eight hundred thirty-nine single steel bunks in their various camps. The other companies continue the use of wooden bunks, with straw for bedding.

Mattresses for use on iron bunks are supplied by one lumber company at cost, i. e., two dollars, in order to encourage their use. Should an employee, on leaving, desire to leave his mattress, the company will rebate a dollar for it if it is in fair condition. Other companies prefer to sell the mattresses at cost and let the matter end there.

**Coupon Books.** Seven companies operate stores and utilize coupon books, while another company, instead, utilizes sale slips in its store to record purchases.

**Hospital Fees.** Ten companies have a one dollar hospital fee. One of these charges twenty-five cents per day for four days, or one dollar per month. Another makes no charge for less than ten days. Another charges ten cents per day, with a maximum of one dollar per month. It will be seen that these various arrangements primarily affect those who may leave the service of the various companies during the early portion of a month.

**Taxes.** In Madera, Fresno, Tuolumne, and El Dorado counties, the road tax is \$2, poll tax is \$2; in Merced County, the road tax is \$3, poll tax, \$2; in Nevada County, the road tax is \$2.50, poll tax \$2. These amounts are deducted from the wages of the employees on the demand of the various assessors.

**Dining-rooms.** At least ten dining-rooms were not effectively screened; that is, they may have been screened, but by neglecting to keep the doors closed, any resultant good from the screening was entirely lost.

Dining-rooms in the camps are adjacent to, or a part of, the cook-houses, as elsewhere in the state.

**Garbage.** Many garbage cans were found uncovered, and the garbage was in all cases disposed of to hogs kept on the premises.

**Toilets.** At one place the toilet facilities were greatly in need of attention. Several companies were making a very creditable effort to maintain sanitary conditions in their camps, and willingly made desirable changes.

At another place, the effluvia from the overflow in an open ditch from a septic tank, constituted a decided annoyance, if not a menace to the health of the entire neighborhood. Only a few feet of tiling was needed here to conduct the overflow into a large mill pond, to abate this nuisance.

**Shower Baths.** Only one company had installed, in its logging camps, a shower bathhouse. This building was 24 feet by 30 feet in size, having a door at one end and three windows on each side. The opposite end from the door was partitioned off into four rooms 6 feet by 6 feet, equipped for shower baths. One of these was reserved for ladies, who had exclusive use of the premises on certain occasions. Hot and cold water was ready at all times for use, and the place was well patronized. It was kept open Saturday nights until ten o'clock, and all day on Sundays. Two long tables in the room were supplied with magazines and papers, and the place was a very popular rendezvous for the men every night. It served the purpose of a club room very nicely, and was the only instance of this kind found in the logging camps of this state. The foreman stated that one man took a bath every night, while another woodsman—a faller—had not taken a bath in three years.

In this camp, two Chinese were employed to wash the clothes of the men. Each man was allowed to have two suits of underwear, two pairs of socks, two overshirts, and two towels washed each week, for which the nominal charge of \$1 per month was deducted from the wages of the men. This plan dispenses with the necessity of many having to heat up water to do their own washing, in the limited time which they may find for the purpose every Sunday. This work is too often entirely neglected when left to the men to perform.

**Water.** Instances may be cited where water is piped 400, 500, 1,200, and 1,300 feet, and, in at least two cases, a mile and a half, in order to insure a good supply of pure spring water for the use of employees. At one camp, water was hauled by wagon, and, in another place, well water was used.

**Hospitals.** Seven companies own and operate hospitals on their premises. The other companies have arrangements with nearby doctors and hospitals to handle their emergency cases.

**Medical Cabinets.** Five companies had equipped with medical cabinets, while six had not equipped in conformity with the requirements of the medical cabinet law.

**Sickness.** In one town only was an epidemic of typhoid fever found among the employees of a sawmill company. Subsequent to this outbreak, the company went to very heavy expense to clean up the premises, to guard against further contagion, and later, when the inspection was made, the old toilets in the lumber yards were found without roofs over them. Comments are unnecessary.

**Accidents.** From the companies visited, the Industrial Accident Board received reports, during the year 1913, of nineteen men killed, thirteen permanently injured, and one hundred fifty-two employees disabled for periods exceeding seven days each.

**Minors.** Two companies were employing seven boys, under the age of eighteen years of age, in violation of the eight hour law for minors.

**Wages.** No violations were noted of the law requiring the payment of wages on or before the fifteenth of the month. Several instances were noted where men were expected to travel upwards of sixty miles, at considerable expense, to secure their pay checks.

**Noon Hour.** No violations were noted of the law requiring an hour for noon in sawmills.

**Blowers.** The various plants were well equipped with blower attachments on their woodworking machines.

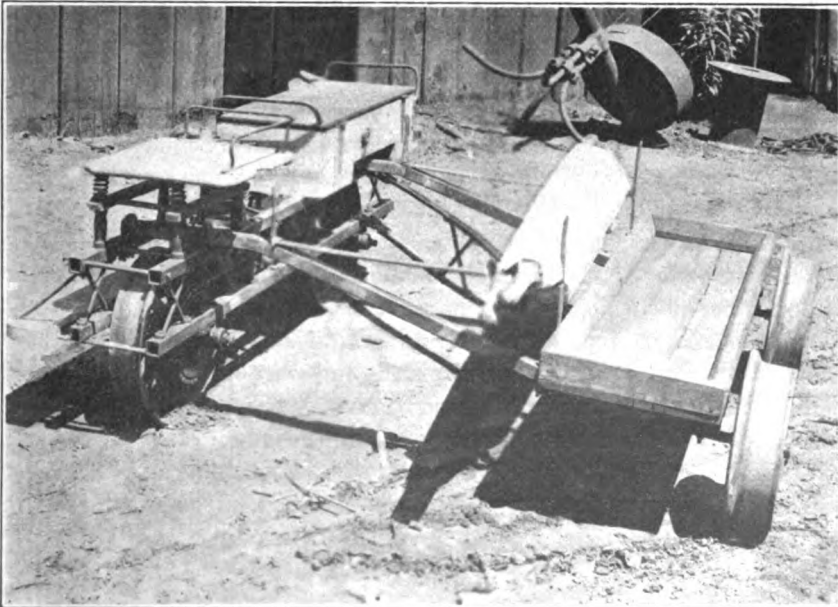
**Hours.** The working schedule throughout this district was based on a ten hour day. One sawmill operated day shifts for twelve and one half hours for five days, and ten hours for the sixth day; another operated a sawmill on a twelve and one half hour schedule for six days per week, while another company operated its day shift in the sawmill for ten hours, and the night shift for eleven hours, for five nights, and five hours on the sixth night.

**Cooks.** Five companies employ white cooks, including one camp having a woman cook; five companies employ Chinese cooks, and one company employs Japanese cooks.

**Nationalities.** The principal nationalities represented are the American, Italian, French, and Swedish. Greeks and Mexicans are also largely employed.



**A view of a splendid hospital completely equipped, owned by a lumber company in the Northern Pine District. An isolation hospital for contagious cases, a morgue, and a mortuary chapel are nearby.**



**A reconstructed "speeder," equipped with a stretcher, set apart for emergency use.**



## PART IV—CONCLUSION.

**Bibliography.** In order to secure a fair understanding of the extent of the land holdings, nature and variety of the lumber operations, and other matters connected with the lumber industry in California, the following brief list of public documents is recommended for reference:

"The Lumber Industry," Parts 1, 2, 3 and 4, issued by the Bureau of Corporations, Department of Commerce, Washington, D. C.

"Wages and Hours of Labor in the Lumber, Millwork and Furniture Industries, 1890-1912," Bulletin 129, issued by the Bureau of Labor Statistics, U. S. Department of Labor, Washington, D. C.

"Wages and Hours of Labor in the Lumber, Millwork and Furniture Industries, 1907 to 1913," Bulletin 153, issued by the Bureau of Labor Statistics, U. S. Department of Labor, Washington, D. C.

"Lumber, Lath and Shingles, 1912," also series of pamphlets on "Forest Products," issued by the Bureau of the Census, Department of Commerce, Washington, D. C.

"Discussion of Forestry Problems, 1912," and "Report for 1912," of the Conservation Commission of the State of California, Mills Building, San Francisco.

The various reports of the California State Board of Forestry, Sacramento, California, particularly the "Biennial Report for 1912," "Annual Fire Report for 1913," and bulletin on "Fire Prevention Day, April, 1914."

**General.** The lumber industry may be described from many standpoints, not the least important of which is that one which concerns the men and women, employers and employees, who perform the different operations in offices, stores, sawmills, logging camps, etc.

As the leading manufacturing industry in California, it employs the most capable men in many lines of work, and, as stated elsewhere, there is no other industry in California which utilizes employees of such varied capabilities as does the lumber industry.

It must be recognized that any campaign for the observance of laws or for improved sanitary standards is largely dependent upon the attitude and cooperation of the managers and superintendents who direct the operations. The Bureau takes this opportunity to acknowledge the uniform courtesy extended to its representative by the various gentlemen connected with this industry. It was gratifying to observe the manner in which the managers and superintendents responded to the campaign for improved humanitarian standards for their employees. It has been a decided pleasure to learn of the many improvements which have resulted from our investigation. In so far as this Bureau is able to assist them by its publications, or by reference to available literature, or in other ways, it will continue its endeavor to secure and deserve the support of the fair-minded employers in this state.

## THE PORTLAND CEMENT INDUSTRY IN CALIFORNIA.

About thirty years ago two plants in California were making a natural cement from the argillaceous limestones occurring at Jamul, in southern California, and at Santa Cruz, in the central part of the state. A plant at Benicia was making a cement from a calcareous conglomerate. At these plants, the natural rock was quarried and broken up by hand.

This rock, without further treatment, was burned in standing kilns of simple construction. The burnt rock was cooled and then picked over by hand.

The pieces that showed the proper degree of burning were crushed and ground to a powder in the old fashioned burr mill.

The equipment of one of these natural cement plants probably would not cost to exceed \$5,000 each. The whole process was exceedingly crude and the investment very small as compared with the modern cement plant.

Moreover, the cement made at these early plants was untrustworthy and exceedingly irregular in quality.

The cement made at Benicia was used in the construction of the city hall at San Francisco, and the poor quality is well shown in the ruins after the big earthquake of 1906.

The poor quality of the product and competition with imported Portland cement caused these natural cement plants to cease operations.

The first plant to operate successfully was started in 1898, at Colton, fifty miles east of Los Angeles.

In 1903, a plant was started at Napa Junction, and another at Cement. Both of these plants are near tidewater on San Francisco Bay.

Later a plant was established at Davenport, near Santa Cruz, about 150 miles south of San Francisco.

In 1909, a plant was started near Riverside; another plant at Roosevelt, on the Los Angeles aqueduct, which latter plant furnished the cement used in the construction of the aqueduct, and a plant at Cowell, began operations in April of this year.

In 1910 a plant was erected at Oro Grande, San Bernardino County, on the Mojave Desert, in southern California.

Lastly, in 1913, the plant at San Juan was completed.\*

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\*"The Growth of the Cement Industry on the Pacific Coast," by Chas. A. Newhall.

Since the completion of several of these mills, they have been re-modeled, enlarged, or rebuilt. One plant, with a rated output of twelve thousand barrels per day, is the largest single unit in the world.

At the present time (1914), one plant has been shut down and is for sale; seven are operating, while the ninth plant has never operated.

The growth of the cement industry has been one of the noteworthy features of the mineral industry in recent years. The first authentic reported production of cement was in 1891, when 5,000 barrels, valued at \$15,000, represented the output.

A comparison of the annual figures representing the output since the inception of the industry, as reported by the California State Mining Bureau, is of interest.

Portland Cement Production in California, 1891-1913.

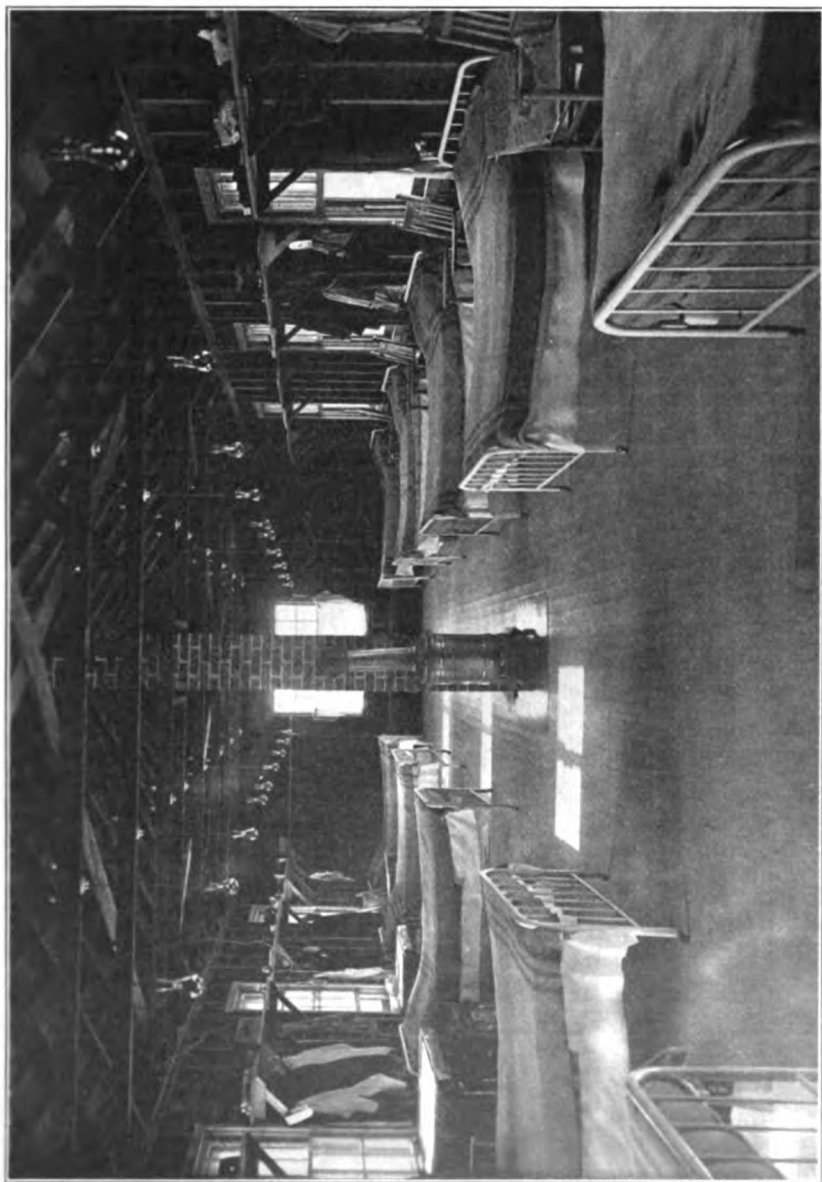
Year	Barrels	Value
1891	5,000	\$15,000 00
1892	5,000	15,000 00
1893		
1894	8,000	21,600 00
1895	16,383	32,556 00
1896	9,500	28,250 00
1897	18,000	66,000 00
1898	50,000	150,000 00
1899	60,000	180,000 00
1900	52,000	121,000 00
1901	71,800	159,842 00
1902	171,000	423,600 00
1903	640,868	968,727 00
1904	969,538	1,539,807 00
1905	1,265,553	1,791,916 00
1906	1,286,000	1,941,250 00
1907	1,613,563	2,585,577 00
1908	1,629,615	2,359,692 00
1909	3,779,205	4,969,437 00
1910	5,453,193	7,485,715 00
1911	6,371,369	9,085,625 00
1912	6,198,634	6,074,661 00
1913	6,167,806	7,743,024 00

The value of the output, as given above, represents the cost of production, and not the selling value.

In 1913, various mineral products of California ranked in importance as follows:

Mineral	Value
Petroleum	\$48,578,014 00
Gold	20,406,958 00
Cement	7,743,024 00
Stone	6,168,020 00
Copper	5,343,023 00

At the Thirteenth Census, in 1909, the production of cement was classified as a manufacturing industry.



View of interior of a boarding-house, recently built by a cement company, showing well arranged sleeping quarters occupied by its Austrian employees.

The burning of lime was likewise classified as a manufacturing industry, and where the lime was burned at the limestone quarry, the quarry was regarded as a subordinate part of the manufacturing operations.

In 1909, the census returns show that eight plants in California employed 2,407 wage earners; the value of products was \$6,504,000; the value added by manufacture was \$4,322,000, and the industry ranked sixteenth in importance.

The hours of labor were classified as follows:

Hours	Number of employees
48 and under.....	1
Between 48 and 54.....	
54.....	
Between 54 and 60.....	212
60.....	
Between 60 and 72.....	1,986
72.....	
Over.....	208
Total.....	2,407

A pioneer investigation of the wages and conditions of labor, in all the various cement plants and their quarries in California was made this year by Special Agent J. W. Atkins. The seven operating plants and their quarries were then employing two thousand twenty-one men, four women, and three Chinese.

The mill operations are continuous in their nature and are carried on with two shifts of men. In five plants, the millmen had two twelve hour shifts, while the sixth plant operated on an eleven and thirteen hour basis.

The offices and laboratories are open for eight or nine hours daily, while the quarrymen, mechanics, railroad men, and others, worked nine or ten hours daily.

Wages are paid on the basis of the hour, day, or month, by negotiable check on or before the fifteenth of each month.

The following operations may be paid on a contract basis: the loading of cars with limestone; the sewing, counting, patching, and turning inside out, of cement sacks, and the packing, tying, and trucking of cement sacks.

Wages are subject to the usual deductions for board, road tax, poll tax, and hospital fees.

Monthly hospital fees are collected as follows:

Number of companies	Fees			
	\$1.00	\$0.50	\$0.40	Under \$1.00—\$0.50 Over \$1.00—\$1.00
2	2			
2		2		
1			1	
1				1

Coupon books are not used by any cement company, and but two of these companies maintain stores.

In several instances, the plants are near towns where the men live, and, in some cases, the employees secure housing accommodations of lessees of the companies.

Two companies charge \$30 per month for board and lodging in their hotels. Each room has two beds.

One of these companies also maintains a boarding house where the board costs \$20, \$22.50, or \$25 per month, depending on the quality of board desired. This company has forty bunkhouses, 12 feet by 14 feet, supplied with lights and cots, which are rented at fifty cents per man per month.

One of the above companies furnishes meals at 25 cents each, and makes no charge for use of iron beds and mattresses.

Employees, principally Greeks, at another cement plant, are housed in twelve whitewashed frame cabins, owned by an adjacent property owner. Three men occupy a cabin and pay \$1.50 each, per month. These cabins have two rooms, each 16 feet by 24 feet. Three men cook in one room and sleep in the other, which is furnished with cots and spring beds. The toilets were in an insanitary condition.

Family houses, occupied principally by Italians, are rented by this owner at \$5 to \$8 per month. A better class of houses, used mainly, by foremen, contain five or six rooms each. These are supplied with sanitary bathrooms and toilets. Water is furnished free, but an extra charge is made for electric lights. The yards have woodsheds and there is room also for gardens. These houses are principally occupied by Americans.

Near the quarry of this company, the old frame shacks were being torn down at the time of inspection, and three concrete structures containing eight rooms each, were being constructed. Groups of four men now occupy two rooms, using one for living and cooking purposes, and the other for sleeping quarters. These rooms are 12 feet by 15 feet in size. The men pay \$1.50 per month each, for room, and this includes water.

The hotel at this place burned down, and has never been replaced. It was operated by a lessee. A bathhouse, having two shower baths and sanitary toilets, has been completed since the survey was made.

On another portion of the property of this company, in the vicinity of the plant, the company has erected twenty houses for its employees, at a cost of \$25,000. These contain from four to six rooms each, and have baths and electric lights, and are equipped for hot and cold water. These rent at \$10 to \$14 each, per month.

Two private hotels in this vicinity, patronized principally by Italians, charge \$20 to \$25 per month for room and board.

Another company has a large Mexican camp, which occupies a little over four acres. The living quarters are contained in a continuous frame structure located on the outer boundary of the square plat of land. The living quarters occupied by single employees were 10 feet by 12 feet in size, with the gable eleven feet high, and the ceiling seven feet high at the two extreme ends of each of the rooms.

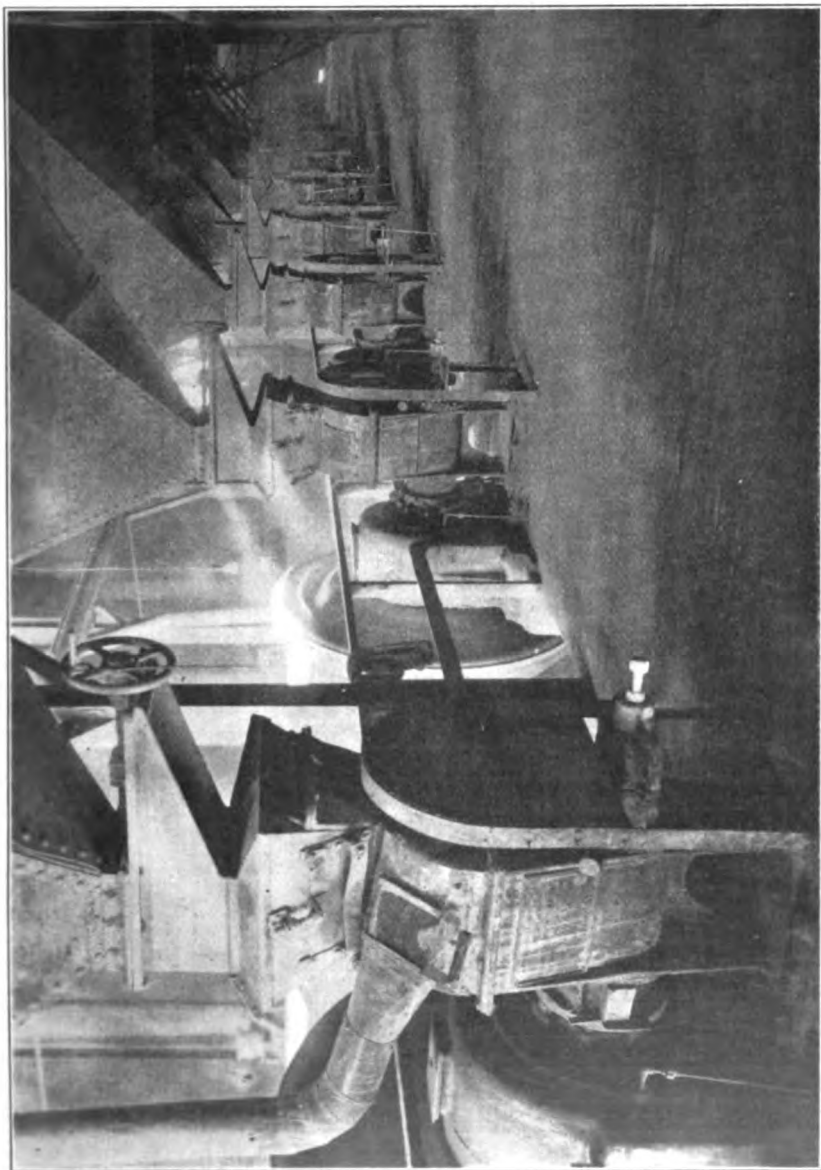
At the time of inspection, these rooms were supplied with four wooden bunks—two upper and two lower—on either side of each room. Instead of the usual wooden bottom for the bunks, wire screening was used. These bunks have since been removed, and single steel bunks installed in each room.

Each room has a water faucet for cold water but no washstand. The windows had wooden slides, 23 inches by 24 inches, without glass, at one end of each room, while at the other end of each room, a sliding window, 17 inches by 23 inches, containing four panes of glass, was placed.

There were sixty-six such rooms on the premises. This square was divided in half by a fence. The Mexican families reside on one side, while the single employees reside on the other. Only five families and twenty-five Mexicans were residing there at the time of inspection. Rooms were rented at the rate of fifty cents per man, per month, with electric lights (one) and water included. The lessee here charged fifty cents per man, per day, for board.

Twenty-two gardens, arranged for the use of the families, were located on their portion of the premises. Shower baths were located in rooms at each corner of this block, and were supplied with cold water only. The dining-rooms had screens on the windows, but the doors were not screened. Trees and vines have been planted on the premises and the place had been made as attractive as possible.

Not far away are two frame buildings, 20 feet by 100 feet in size. Each building has a room 20 feet by 60 feet equipped with ten steel bunks, for the use of the men, principally Austrians. Sanitary toilets



The feed ends of the tube mills where limestone is pulverized. These mills are 5 feet in diameter by 22 feet in length. They are flint lined and each mill carries twenty tons of flint or other pebbles. Piping at the left is used as air vent, as an experiment to prevent the cement dust from getting into the atmosphere.



and three cement washtubs are at each place. The Austrians pay \$1. every two weeks, for laundry work and housing.

Armenians, employed by this company, live in a city not far distant. An investigation of their living conditions showed that some of the unmarried men would cooperate in renting a house, or rent from a lessee. Two or three men were occupying each room and doing their cooking in a primitive manner, usually in the kitchen, or together in some other room of the house. Their diet was principally bread and meat, but fruit, butter, eggs and other ordinary necessities are bought by them only occasionally.

In this discussion of the housing and living conditions of foreigners, it should be borne in mind that they are desirous of living as economically as possible. For this reason, whether they get fifty or a hundred dollars or more, per month, many of them do their own cooking and other work, and purchase only the plainest of food, instead of patronizing boarding houses or hotels, like their fellow employees do, and where better living conditions prevail.

Two companies have recently completed first class emergency hospitals, fully equipped, constructed of cement, and each costing about \$10,000, without the equipment. They are a credit to the plants where they are located.

The plants are operated throughout the year, depending on business conditions, and they average around three hundred working days, each, per year.

The process of making cement has been aptly described as the "grinding of a mixture of limestone and clay together to a fine powder and heating this mixture to incipient fusion; this partly fused mixture when ground to a flour and mixed with a retarder, forms Portland cement."

The raw materials used are chiefly limestone, clay, shale and gypsum. The limestone from the quarries, and the clay from clay pits, are conveyed by cars to the plants and are placed in separate bins.

The general mode of cement manufacture in the various mills is essentially the same. The operations are divided into two departments, *i. e.*, the "raw" mill, and the "finishing" mill.

In the "raw" mill, the ingredients pass through the crushers, ball mills, tube mills, and into kilns where the heated mixture is brought to incipient fusion, which forms a "clinker."

After cooling on the clinker pile, in the open air, this clinker is conveyed into the "finishing" mill, where it is reground by ball mills, and tube mills, gypsum is added as a retarder, and then the product, as cement, is ready for the packing machines which are used to sack the cement.

In one representative plant in California, the cars containing the limestone from the quarry are run over track scales to check the gross

tonnage. The cars are then dumped and the limestone discharged into two No. 6 Gates gyratory crushers operated by one 150-horsepower motor. This constitutes the second reduction, the first reduction having been completed in the crusher at the quarry.

The two crushers are arranged so as to discharge their product on to one twenty-four inch 15 degree inclined belt, 200-feet centers, which conveys the product into a rock storage capable of holding 16,000 tons. Three belts with three Robins automatic trippers serve to distribute the crushed limestone over the rock-storage area. By means of a system of tunnels and belting, the limestone is drawn out from underneath the rock storage onto a cross belt into two six by sixty-foot dryers. From the discharge end of the dryers, the limestone is elevated into a bucket conveyor, which delivers the material into the ball mill bins. All the bins are of a steel, hopper type of construction. At the same time, the clay and shale is dried through similar dryers, and their discharge delivered into the ball mill bins.

A third reduction is accomplished through eleven Gates No. 8 ball mills for limestone, clay and shale, each of which is ground separately and their product elevated and conveyed into separate bins: six for limestone, and three, each of a different capacity, for clay and shale. Automatic samplers are arranged for sampling each of the three raw materials while their respective bins are filling. When these samples are analyzed and a raw composition formulated in the laboratory, the three separate materials are drawn out simultaneously into a battery of three automatic weighing machines, which again simultaneously discharge into a huge double-screw-cut flight mixer. From the mixer, the raw composition is elevated and conveyed into the tube mill bins.

The tube mills, giving the final grinding to the raw composition, are of the Gates five and one half foot by twenty-two foot type and are fourteen in number, operated in pairs by a 250-horsepower Westinghouse motor. The tube mill product, 73 per cent of which passes a 200-mesh screen, is discharged into one long continuous screw conveyor, where the raw composition is again automatically sampled and checked from the laboratory. The raw composition is then elevated and conveyed to the kiln bins.

In the kiln-room are twenty-four  $7\frac{1}{2}$  foot by 7 foot by 125 foot kilns, which lie on an incline of a three fourths of an inch pitch, and are individually operated by a 30-horsepower speed motor, with a controller at the burner end of the kilns. Each kiln is provided with a stack, five feet by eighty feet, at the far end of the kiln. Fourteen of the kilns are now in daily operation, each of which easily produces its 500 barrels of clinkers in twenty-four hours.

The raw composition is fed into the stack end of the kiln by means of screw conveyors from the hopper base of the kiln bins, which, under

the rotation of the kiln, is carried onward and downward through the heat zone, where it is calcined to incipient fusion and discharges into a pit as clinker. The burning is accomplished with crude oil and compressed air. The oil is of 17 degrees Beaumé gravity and the air pressure is eighty pounds at the burner. Approximately 2,000 barrels of oil are consumed per day.

From the clinker pit the clinker is delivered into coolers, which finally discharge into a portable steel skip on a narrow gauge track, to be taken to an open air clinker storage.

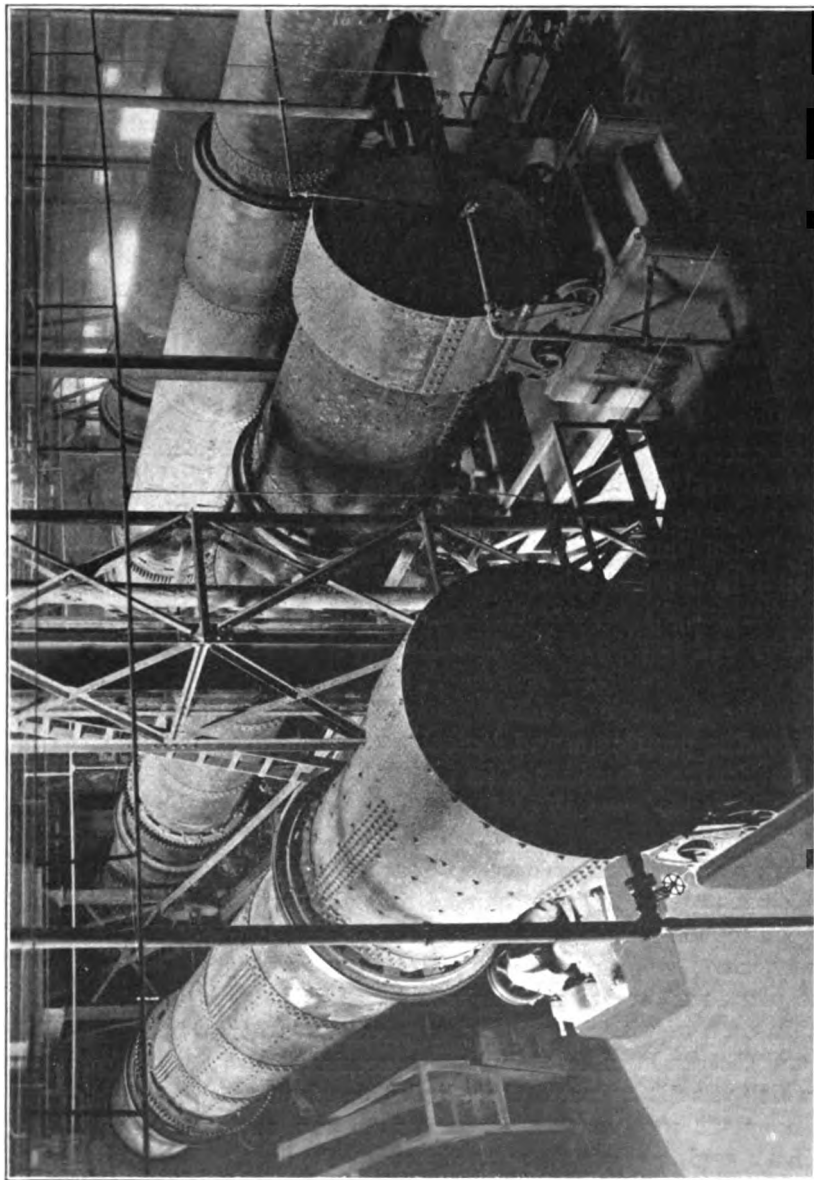
The clinker now in the steel skips, which hold thirty barrels, is delivered to the clinker storage pile. One of the chief assets to a cement plant lies in a large clinker storage. It not only gives the plant flexibility, but gives an aging to the clinker which favorably affects its quality as well as the final grinding. The clinker storage at this plant covers an area of 80,000 square feet, on which approximately 500,000 barrels of clinker can be stored.

The clinker storage has fourteen tunnels underneath into which the clinker is drawn through chutes directly onto belts which convey the clinker to a cross belt running into the finishing mill.

In the "finishing" mill, the clinker is received in a steel bin directly over the stack end of the dryer, provided with an adjustable rocker feed, which delivers the clinker into the dryer. While the clinker passes through the dryer a low heat is applied, when necessary, to drive off any water absorbed by the clinker through rains or damp atmosphere, thereby avoiding any clogging of the ball mill screens. To retard the setting time of the cement, about 2½ per cent of gypsum is added in the dryer discharge pit from a bin controlled by an adjustable rocker feed.

The gypsum is fed into the pit by a continuous belt, which delivers a continuous stream simultaneously with the clinker stream discharged from the dryer. This assures a thorough distribution of the gypsum and a well regulated setting time of the cement.

From the dryer discharge pit the stream of combined clinker and gypsum is elevated and conveyed into the ball mill bins. Through the hopper of the bins the material is fed into the ball mills, eighteen in number, similar in type and size to those in the raw mill building. From the ball mill discharge, the stream passes through elevators and conveyors into the tube mill bins. From these bins the material passes on into the tube mills for its final grinding. The tube mill installation consists of twenty-four mills, twenty of which are in constant operation. The tube mill product, which is the cement, is an impalpable powder, 80 per cent of which passes a 200-mesh screen. The product is elevated and automatically sampled while conveyed into a large stockhouse.



A view of a kiln room where the pulverized mixture is reduced to a "clinker." The kilns are eight feet in diameter. Ten of them are 100 feet long, while two are 120 feet in length.

The stockhouse, which consists of ten separate bins, is of concrete construction throughout, and has a capacity of 128,000 barrels of cement. The base is of the hopper and tunnel-type construction, two of which run longitudinally through the entire length of the stockhouse. By means of screw conveyors, the cement is conveyed through these tunnels into the packing bins, adjacent to the stockhouse. Eight Howe packing machines mechanically fill the sacks, which are carefully weighed and tied and passed on trucks into cars.\*

A portion of every plant is devoted to the receiving, cleaning, counting, patching, repairing, and storage of returned cement sacks, and this place is referred to as the "bag house."

The cleaning of sacks is generally done by revolving a number of them in a cylinder, which is operated in a closed room. The slatted perimeter allows the cleanings to drop through to the floor. The bags are removed from the cleaner through a door provided in one section of the slats. No one remains in this closed room during the operation of cleaning the sacks.

It is evident that in a manufacturing process, which produces a pulverized mineral product, as cement, there is likely to be a leakage at various stages of the operation. The result of this leakage is that dust is distributed throughout the plant, while the air becomes heavily charged with the most minute particles.

The siliceous character of the limestone necessitates the use of metal machinery and containers to withstand the constant friction. In none of the plants were the metal conveyors, or the machinery, boxed in with lumber to restrict the dissemination of dust. Such a procedure would tend to precipitate and control much of the dust; to prevent its dissemination, and to admit of its removal as required.

The kiln rooms were affected the least, and the grinding, packing, and bag cleaning rooms the most, by the leakage of dust, though comparisons are difficult to make when dust is found everywhere.

The dust problem is a mechanical difficulty, which varies with the individual plants—their machinery, mode of operation and construction arrangement.

One plant was walled off longitudinally, dividing the building into zones, in each of which a particular process was performed. The intent, and the result, of this plan was to retain in each department, the dust which was disseminated there by leakage from machinery.

In no plant was vacuum apparatus or any other dust collecting machinery used to eliminate or to dispose of the dust.

One plant had, however, installed a dust collecting plant at an expense of \$10,000, but it failed to operate satisfactorily.

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\*Llewellyn T. Bachman, "Cement and Engineering News," March, 1913.

Regarding the dust problem in English cement plants, it is stated that:

Provision is made in well-arranged works for the withdrawal and collection of the suspended dust, which was formerly so objectionable a characteristic of cement works, leading not only to unhealthy conditions within the buildings, but poisoning and disfiguring the whole neighborhood in which the industry was carried on.

By the aid of exhaust fans and dust-collecting apparatus, the air is now kept free from dust, and a considerable quantity of cement, which was formerly wasted, is now saved to the manufacturer.\*

Most of the superintendents have been engaged in manufacturing cement for many years, and their experience has convinced them that, generally speaking, cement dust is harmless to employees. Acting on this theory, it is not remarkable that they have done so little to reduce the dust problem to a minimum.

One manager submitted the following statement of the term of service of some of his employees, for the purpose of showing their preference for, and their ability to perform, the work required in this industry.

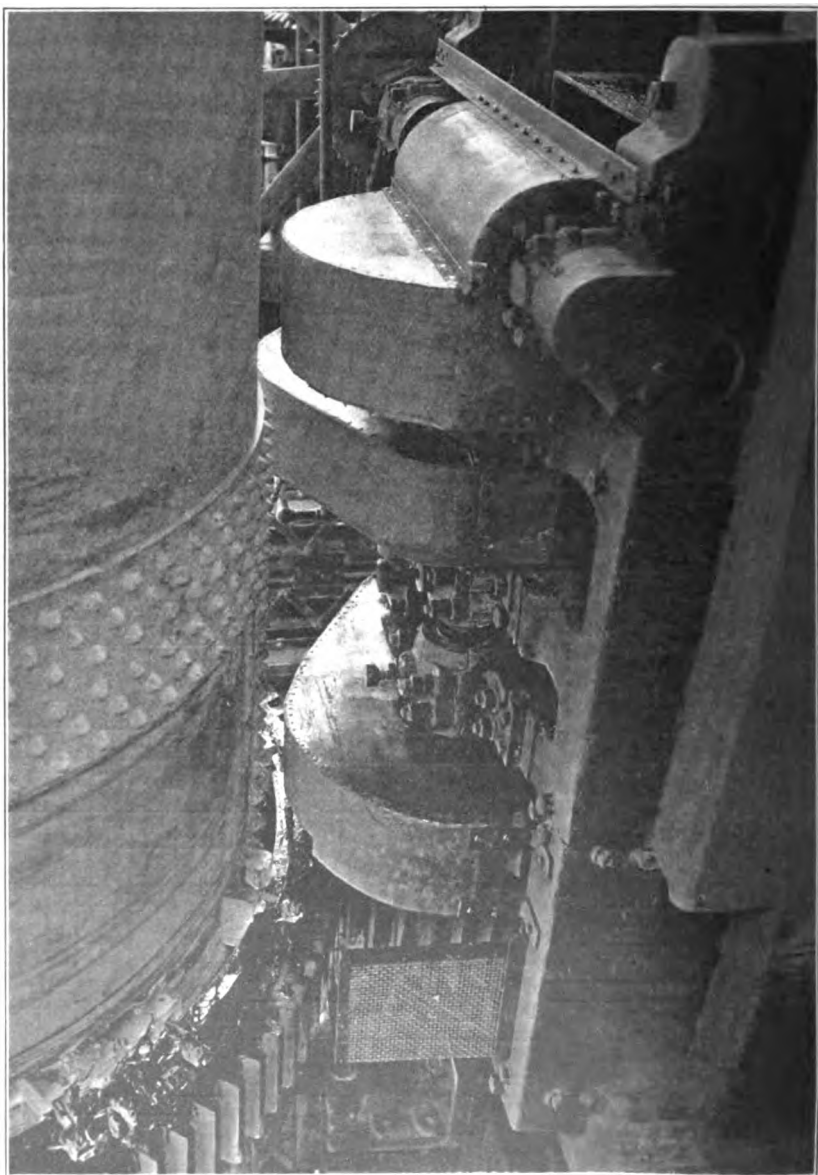
For your information, we give the actual time of service of our employees in the packing house and bag house, as follows:

Place of Work	Years of service of employees								Total
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	
Packing house -----	3	5	8	5	3	2	-----	3	29
Bag house -----	3	1	4	5	-----	-----	-----	-----	13

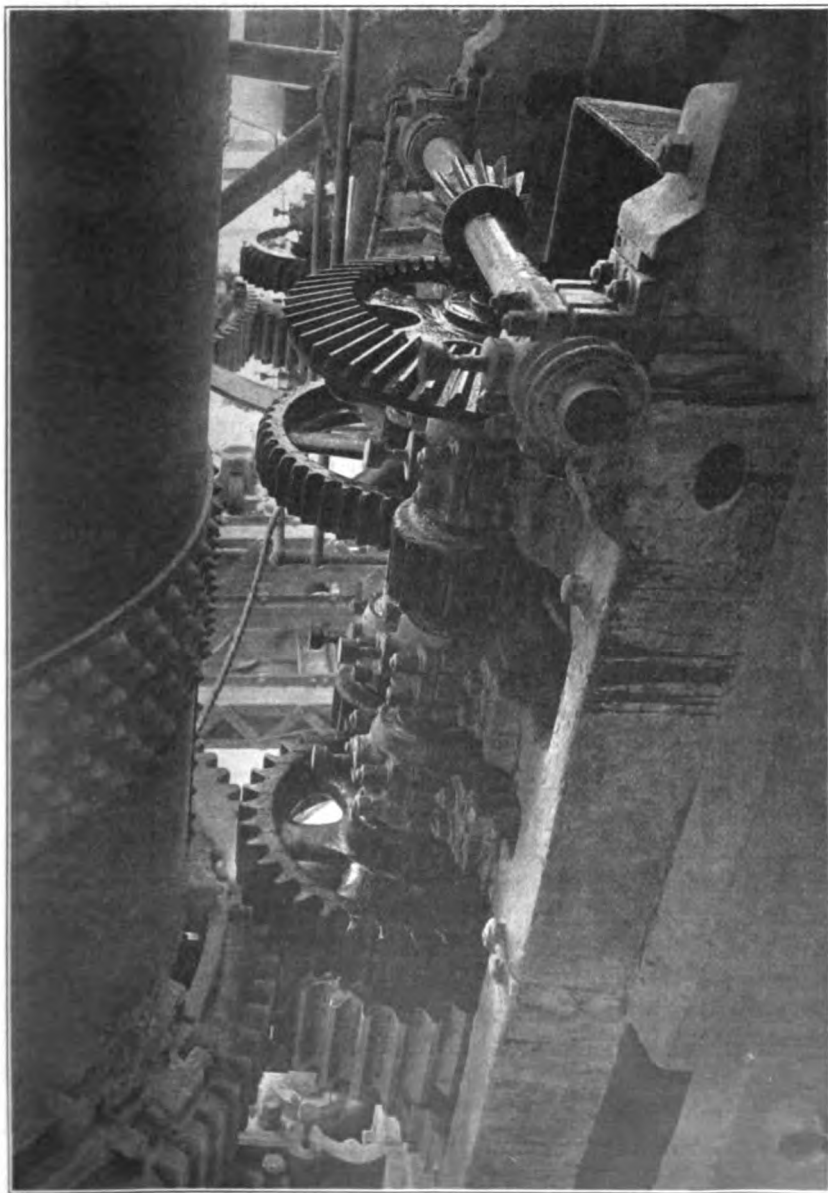
The following figures show employees' time of service on the job, and do not necessarily mean the length of their service in the respective departments:

Place of work	Years of service of employees									Total
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	
Office -----	-----	-----	-----	2	1	5	-----	-----	-----	8
Laboratory—physical and chemical -----	4	-----	1	1	2	-----	-----	2	-----	10
Quarry -----	28	50	7	24	8	11	6	3	-----	137
Raw mill -----	3	2	1	5	6	4	5	8	2	36
Kiln room -----	4	2	1	3	4	4	1	4	-----	23
Finishing mill -----	3	-----	1	4	1	4	-----	4	1	18
Packing house -----	-----	5	7	5	2	5	2	4	-----	30
Bag cleaning -----	-----	2	6	4	-----	-----	1	-----	-----	13
Compressor room -----	1	1	-----	1	1	-----	-----	-----	-----	4
Boiler house -----	1	-----	-----	-----	1	-----	-----	-----	-----	2
Repairmen -----	8	1	-----	1	4	-----	1	1	1	17
Shopmen -----	2	-----	2	1	1	1	1	1	-----	9
Electricians -----	-----	-----	-----	1	-----	1	-----	2	-----	4
Carpenters -----	-----	3	1	2	1	1	-----	-----	-----	8
Yard crew -----	10	5	-----	4	2	-----	1	1	1	24
Clay quarry -----	1	-----	1	-----	-----	-----	1	-----	-----	3
Steam shovel -----	11	4	2	3	2	2	1	-----	-----	25
Railroad -----	-----	1	-----	-----	-----	2	1	3	-----	7
Section crew -----	-----	3	2	1	-----	-----	1	-----	-----	7
Totals -----	76	78	33	62	36	40	22	33	5	385

\*C. H. Deach, "The Chemistry of Cement," p. 32.



Driving gear of rotary kiln showing cover protection placed over cog wheels. Part of the "safety" campaign of one of the cement companies.



Driving gear of a rotary kiln, with cover removed from cog wheels, showing danger to employees.



The above figures show that of a total of three hundred eighty-five men on the pay roll of this company, a large proportion of them had remained with the company for many years.

Of the men who had left this factory, some had gone to other plants to continue with the same line of work; others had made their "stake," and had gone into farming, or business, or had returned to their native land.

Though the mill men do not work as hard as those outside, they have longer hours and receive proportionately more wages.

It is difficult to secure Americans to remain in some of the occupations in the mills, and therefore foreigners are greatly in the majority.

These are principally Italians, Greeks, and Armenians. They live as economically as possible, and either send their wages home, or return when they have accumulated enough to enable them to live there comfortably.

One manager reported that Greeks are prone to retain their brass identification checks when returning to Europe, and give them to friends, who bring the checks back in the expectation of securing the vacant positions, or a chance to work elsewhere about the plant.

Much data on the personal habits of the foreigners employed in this industry was obtained, which indicates that their standards of living are far below what they should be.

Since the beginning of the agitation regarding cement dust, several of the companies require their physicians to make physical examinations of the employees in order to reject those who are unsuited to the work, and at different times to note the effect, if any, of the work and dust upon them.

Records of these examinations are made, and the doctors are thereby enabled to report more intelligently upon the physical effects of the industry on the workers than they could heretofore.

Several company doctors reject applicants who have any defect in their nasal passages, or have bronchitis, or lung trouble. They now pass, as a rule, none but sound men between the ages of twenty-one and fifty years.

One doctor resides in a cement company town, though all the companies have retained doctors who live within convenient access of the plants.

The dust problem in its relation to the health of the employees, may be considered from several standpoints as follows:

1. *Bacteriological.* When the finely ground mixture of limestone and clay is brought to incipient fusion in the kilns, the temperature registered there, by pyrometers, ranges from 2,700° F. to 3,500° F.

Any organic material is broken down chemically, and any bacteria would, of course, be destroyed.

Bacteria that might be found in the finished Portland cement would be acquired while the clinker is on the clinker pile, or subsequent thereto, during the regrinding operations. It is very improbable that any bacteria would be thus combined with the cement.

Respirators are seldom used and then only by packing and bag house employees. It is possible that their continued use, without being cleaned or sterilized, affords a greater menace to the health from bacteria exhaled with the breath and lodged in them, than the sterilized cement dust does.

2. *Chemical.* Analyses of American Portland cements indicate some variations in the proportion of their constituents, and the following table gives some representative determinations:

Analysis of American Portland Cements.\*

Elements	Percentages of composition						
	I.	II.	III.	IV.	V.	VI.	VII.
SiO <sub>2</sub> .....	21.99	20.75	20.88	21.61	23.25	22.14	22.47
Al <sub>2</sub> O <sub>3</sub> .....	7.24	7.72	7.91	7.88	5.32	7.32	6.94
Fe <sub>2</sub> O <sub>3</sub> .....	3.39	2.59	2.69	3.18	3.27	3.02	2.79
CaO .....	62.53	62.75	62.98	62.56	63.14	63.14	60.42
MgO .....	2.37	2.61	2.85	2.37	3.01	1.61	3.23
SO <sub>3</sub> .....	1.19	1.66	1.46	1.52	1.32	1.58	1.67
Undetermined .....	1.29	1.92	1.23	0.88	0.69	1.97	2.48
Totals .....	100.00	100.00	100.00	100.00	100.00	100.00	100.00

\*Bulletin No. 331, U. S. Geol. Survey, 1908.

Any injurious effects from the mineral elements above enumerated would be dependent upon their chemical or mechanical action on the men.

At one plant, a notice is posted requesting employees to wash their hands before eating. The inference is that cement dust, absorbed with food, would be injurious to the men, causing intestinal and other troubles.

3. *Fumes.* These are expelled from the kilns, through chimneys, during the process of incipient fusion in the formation of clinker. Several companies have been defendants in lawsuits instituted by owners of adjacent property, who alleged that the fumes were injurious to crops.

In order to overcome such objections, two companies have, at considerable expense, installed dust collectors, or fume houses, in connection with the chimneys, at their plants. Here the dust and fumes are treated by different processes in order to minimize their injurious effects upon the neighborhood.

Fumes ordinarily contain sulphur trioxide ( $\text{SO}_3$ ), carbon dioxide ( $\text{CO}_2$ ), and carbon monoxide ( $\text{CO}$ ), in varying quantities. The action of the first named is well illustrated when it comes in contact with barbed wire fences, or other iron surfaces, in the presence of moisture, as it corrodes the metal. Any of these fumes, in quantity, are injurious to human beings.

4. *Mechanical.* The dust, which is distributed throughout the plants, varies in size from that which will pass through a 200 mesh screen to that of larger size. At one plant the chemist stated that 96 per cent of the cement would pass a 100 mesh screen, while 84 per cent would pass a 200 mesh screen.

The dust may be an impalpable powder, or larger and somewhat angular in shape. In the latter form it is more irritating, as it causes an abrasion of the skin and mucuous membranes. The heavier granular particles are precipitated more quickly than the lighter ones.

In the packing-rooms, particularly, the atmosphere is charged with cement dust. This is due to mechanical defects in the machinery; the lack of effective boxing around conveyors and machinery, and the modus operandi of the packing and tying operations.

Occasionally cement dust lodges in the eyes, causing conjunctivitis. The doctors uniformly state that the number of office visits of employees due to dust troubles is very small, and they are not aware of any disease that is peculiar to this industry. It is claimed that cement dust will quickly cure a cold in the head—presumably because of its strong affinity for moisture.

When inhaled in the nasal passages, the dust is irritating and annoying to many people. It may penetrate into the clothing or shoes and cause skin irritation. For this reason packers and truckers often bind up their shoes with gunny sacking while employed in the packing departments.

With reference to the effects of cement dust on employees, an English government publication states as follows:

Investigations by Dr. Heim, of Paris, and by the Factory Department of the Home Office, made two or three years ago, have also shown that men engaged in the manufacture of plaster of Paris and cement are free from any excessive incidence of phthisis.

We may also refer to a valuable paper read by Dr. Collis at the XVIIth International Congress of Medicine, London, 1913, on "The effects of dust in producing diseases of the lungs," in which the whole subject is summarized.

The investigations briefly summarized above, while indicating that dust inhalation predisposes to respiratory diseases, the mortality from which may attain terrible proportions, show certain unexpected exceptions, notably in the case of slate miners and of men employed in the manufacture of cement and of plaster of Paris. Evidence, however, has been placed before us which by indicating one, and probably the most important injurious element in dust, will, we consider, materially assist in the prevention of mortality from pneumoconiosis.

It is desirable to explain by what steps this element has been isolated. The term, pneumoconiosis or dustlung, is used to describe the damage caused to lungs by dust inhalation; this damage may manifest itself in various diseases, such as phthisis, asthma, pleurisy, chronic pneumonia, or bronchitis. These diseases occur in the general population, and difficulty, therefore, arises in establishing for each individual case the predisposing influence of occupation; and we feel confident that if this influence could have been demonstrated with the same certainty as in the case of lead poisoning among workers who manipulate materials containing lead, of anthrax among wool sorters, and of other such specific occupational diseases, the existence of this widely distributed evil would have been ere now recognized and dealt with. Of these diseases, as regards men employed in metalliferous mines and quarries, phthisis or consumption is the most important. Other diseases of the lungs appear always to occur in excess among those who suffer a heavy mortality from phthisis induced by dust inhalation, and such diseases may also be unduly prevalent even when an excessive death rate from phthisis is absent, as, for example, pneumonia among slate-workers whose death rate from phthisis is low. No relation, however, has yet been established between such forms of pneumoconiosis, as e. g., pneumonia, asthma, and bronchitis, and the inhalation of particular forms of dust.

For our present purpose phthisis mortality may usefully be taken as the comparative index of the injury dust causes, at least among those employed in metalliferous mines and quarries, regard being had to the fact that the figures which express the mortality from phthisis do not express the total mortality in these industries from pneumoconiosis.

The sequence of events which follows inhalation of injurious dust—the formation of fibrous tissue in the lungs which lose their spongy texture and become tough and inefficient organs for aeration of the blood; the rise in blood pressure requisite to drive the blood through this toughened tissue; the impaired chest expansion, showing itself as breathlessness and asthma; the characteristic abdominal breathing; and the sudden alteration for the worse in the clinical aspect when the tubercle bacillus gains access to such a damaged lung—has been carefully described in the works already quoted, and, though placed in evidence before us, particularly in respect to the physical condition and clinical aspect of operatives employed in grinding metals and in granite cutting, requires no restatement here. We need only repeat the words of Dr. Haldane, "I believe the disease is the same all over the world, and the end comes through tubercular infection." The statistical evidence we have considered, however, confirms certain points alluded to by early observers, which may be stated in the following deductions: If in any given class a high death rate from pulmonary tuberculosis is found occurring at a later period of life than is usual for pulmonary tuberculosis, and if this high death rate is associated with a high death rate from other respiratory diseases, then this class is exposed to the inhalation of injurious dust; and, further, pulmonary tuberculosis occurring in such a class does not exhibit the same incidence on the wives and families of those affected, as is characteristic of ordinary pulmonary tuberculosis.

Early in our inquiry Dr. Haldane, when summarizing the results of his inquiries into miners' phthisis in Cornwall, drew attention to the fact that all dusts are not equally dangerous, but that some, such as quartz dust from Transvaal gold mines, dust from Cornish mines, from ganister, from some sandstones, e. g., Craigleith stone, are certainly injurious; and he said, "We ought to know what the qualities are in dust which make it dangerous, so that we may be able to say with regard to any dust offhand whether that dust is dangerous or not. \* \* \* There is a great gap in our knowledge as regards these points. There is a lot of knowledge about points which are not of much practical importance, but not knowledge such as would be of assistance to this Commission, or to the Home Office Factory Department in dealing with different sorts of dust."

The marked differences in the phthisis mortality in various dusty industries which is shown in the above table induced us to ask Professor Beattie, who had, at Sheffield University, already interested himself in the subject, to carry out certain experiments by exposing animals to atmospheres containing various kinds of dust. After

varying periods of exposure to dusts suspected to be dangerous in view of the phthisis mortality statistics among those who work in them, the animals, guinea-pigs, were found to develop a fibrous condition of the lungs similar to that found in the lungs of operatives who inhale these dusts, but exposure to dust thought to be innocent because no excess of phthisis is found in those who are exposed to their inhalation, either did not cause this condition to develop or only to a moderate degree. Professor Beattie found, however, a few exceptions which call for further investigation.

The general results of his inquiry may be thus stated: Certain mineral dusts, such as e. g., coal, clay, cement, were not shown by experiments to be injurious. Others, e. g., silica dusts, quartz, flint, sandstone, are dangerous, as are also carborundum and emery. The line of inquiry which Professor Beattie pursued is practically new, and many difficulties had to be surmounted, but the results he obtained agree in a striking manner with the deductions drawn from the mortality statistics and materially assisted us in determining the injurious element in dust.

Practically every investigator of the cause of pneumoconiosis has remarked upon the injurious character of siliceous dust, but the mortality data for slate workers, for brick, plain tile, and terra cotta makers, and for cement workers indicate that silicon, in the form of silicates, may be present in dust without any increase in the phthisis death rate, among those exposed to its inhalation. Further reflection, however, indicates that, when the phthisis death rate is considered in relation to the presence of free crystalline silica in dust an intimate connection is found to exist—that, in every case where an excessive phthisis mortality has been found among those exposed to dust inhalation, this substance is present in the dust, and conversely, that among workers exposed to dust which does not contain this substance no such excessive mortality from phthisis has been found. No evidence has been placed before us which suggests any other explanation of the presence or absence of excessive phthisis mortality among those exposed to dust inhalation. After careful consideration, therefore, we feel justified in concluding that, even though further investigation should disclose other dusts as dangerous, the dust of free crystalline silica is specially injurious and is the most potent cause of fibrosis.

We are further of opinion that inorganic dusts may be grouped in two classes—

- (1) Dusts, the inhalation of which has not so far been shown to be associated with any marked increased mortality from respiratory diseases; to this class belong coal, shale, slate, iron ore, clay, limestone, plaster of paris, and cement.
- (2) Dusts, the inhalation of which is associated with excessive mortality from respiratory diseases and especially from phthisis; to this class belong quartz, quartzite (i. e., ganister and buhrstone), flint, and sandstone.

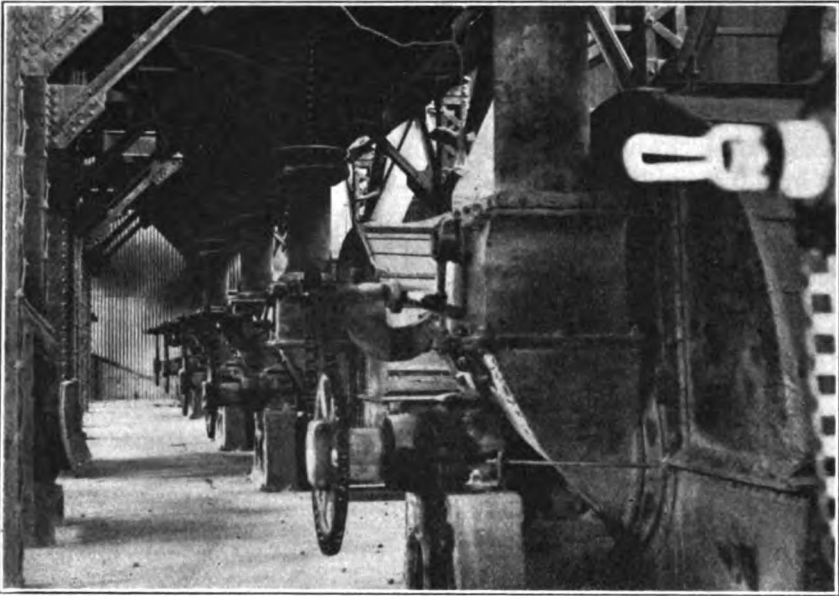
We desire, however, to make clear that this classification of dusts refers only to mortality from phthisis experienced by those exposed to their inhalation and takes no cognizance of other injurious qualities dust may possess.

It appears to be the opinion of the most competent authorities that all dust is more or less detrimental to health, though in point of injuriousness there is no comparison between the less dangerous and the more dangerous kinds of dust. Exposure, however, to the inhalation of dust in confined places, where it is likely to be concentrated, even when the dust is of the less injurious character, is always liable to be prejudicial.\*

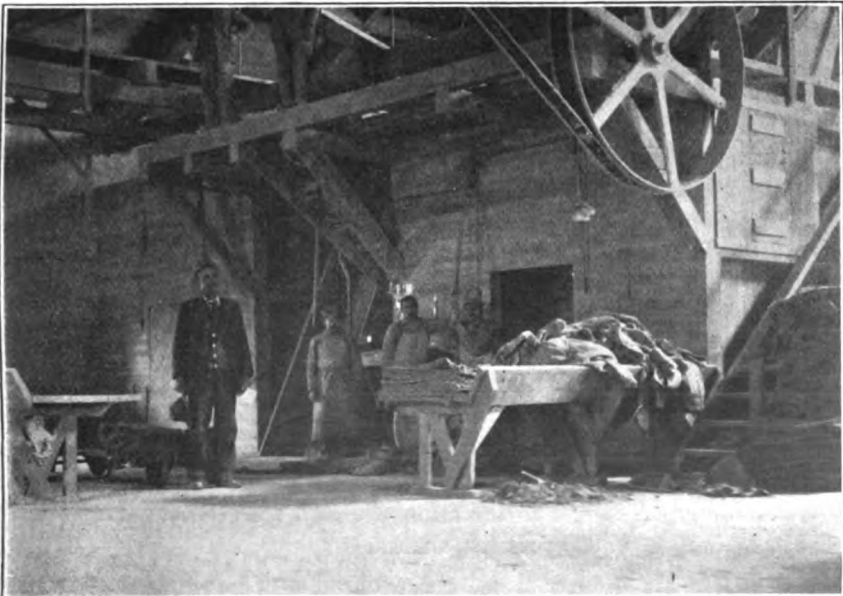
\*NOTE.—See article on "Respirators," on page 193 of this report."

The scene of greatest activity—and of clouds of dust—is the packing-room. It is an interesting sight to witness the mechanical operations of the battery of machines, and the endeavors of each crew to make a record "run," and to excel the others.

\*"Second Report of the Royal Commission on Metalliferous Mines and Quarries, 1914," pp. 140 and 144. Published by Eyre and Spottiswoode, Ltd., East Harding street, E. C., London. Price, 1s 9d.



End view of No. 8 Gates ball mills used in the finishing mills to pulverize clinker to cement. They are six feet wide by eight feet in diameter.



Interior of bag house showing exterior of the room containing revolving drum where 40,000 sacks may be cleaned daily.

Two makes of packing machines are used in the seven California Portland cement plants now operating, i. e., (a) the "Howe," and (b) the "Bates."

(a) The Howe packing machines have been used in all the plants for years. They require one operator to change the sacks; another man ties them, while a third, or a fourth man, in the crew, are busily engaged in trucking and loading the sacks into the freight cars or the warehouse. These men alternate in performing the various operations, and, as the machines vary in effectiveness, the crews rotate in using them.

A crew at one plant was credited with the ability to fill and truck 3,024 sacks of cement per day, though a fair average was 2,400 sacks per machine, or 600 barrels, per crew, per day. Each sack weighs 95 pounds, and four sacks equal one barrel. On a basis of 2,400 sacks, a day's work would involve handling 114 tons of cement.

As before stated, this work is paid on a contract basis, and the men earn on an average between three dollars and five dollars and a half for ten hours work per day. The contract earnings of a crew during a month are divided equally by them, as they have rotated in performing the various operations.

(b) The Bates machines have been recently installed in several plants in this state. They require one man to operate the simultaneous filling of four sacks. These sacks are placed on weighing machines, which, at the proper weight, automatically stop the flow of cement into the sacks. When filled, the sacks are tilted onto a revolving belt conveyor that transfers them into the freight car outside or to the warehouse.

With the Howe machines, the cement sacks are tied *after* being filled, while with the Bates machine, the sacks are tied *first* and filled afterward.

The end of a small pipe is placed through an aperture in a corner of the bottom of the sack, and the cement is allowed to flow through until the desired weight is obtained.

The pressure of the cement in the sack against the flap over the aperture serves to keep the cement confined in the sack when it is reversed in position.

This work is usually paid for on a day basis. The work around the mills is on a ten hour basis, and is paid for by the day or hour.

The superintendents report that this outside work is much harder than that in the mills. In consequence of this, the men seek work in the mills, where two twelve hour shifts are operated.

As the hours are longer in the mills, the men receive proportionately, more wages than when working outside.

The following data will convey some idea of the scale of wages paid in representative occupations in the several departments of the various plants operating in California:

Rates of Wages Paid in the Cement Industry in California.

Department	Occupation	Hours per day	Wages per day, or month						
			I.	II.	III.	IV.	V.	VI.	VII.
LIMESTONE QUARRY	Foreman	10	\$100 00	\$3 30	\$5 00	\$4 95	\$150 00	\$125 00	\$4 75
	Blacksmith	10	2 75	2 50	4 00	4 00	3 50	2 50	3 50
	Blacksmith helper	10			2 25	2 50			2 75
	Driller	10	2 50	2 00	3 00	2 25	2 75	3 00	3 00
	Mucker	10	2 50	1 80	1 50	2 25	2 00	2 00	1
	Laborer								
RAW MILL	Foreman	12			4 80	4 20	2	2	
	Crusher room								
	Tube-miller	12	2 70		3 00	2 70	2 75	2 75	2 52
	Ball-miller	12		3 30	3 00	2 70	2 75	2 75	2 70
	Tunnelman	12			2 40	2 40	2 40		
	Kiln room								
	Foreman	12		115 00	4 80	5 28	2	4 00	3 60
	Burner	12		4 20	3 60	3 00	3 00	2 75	3 00
	Oiler	12			2 70	2 70	2 40	2 25	2 40
	Tunnelman	12			3 00	3 00	2 40		
FINISHING MILL	Foreman	12			4 80		3 50	2	3 60
	Dryer operator	12			2 70	3 00		2 50	
	Ball-miller	12		3 00	3 00	2 70	2 75	2 75	2 70
	Tube-miller	12	2 70		3 00	2 70	2 75	2 75	2 70
	Tunnelman	12			2 40	2 00	2 40		2 40
	Laborer	12		2 40	2 40	2 40	2 40	2 00	
PACKING HOUSE	Foreman	10		3 90	3 50	3 30	150 00	4 00	3 95
	Bates machinemen.	10	2	2 00					
	Loader	10	2	2 50					
	Packers, etc.				4	5	6	7	8
	Laborer	10			2 00	2 25	2 00	2 00	

<sup>1</sup>On contract basis.

<sup>2</sup>General foreman, or superintendent.

<sup>3</sup>Three men are in a crew. Contract basis is sixty cents per man per 100 barrels. One barrel equals four sacks or three hundred eighty pounds. These men work seven hours, on an average, per day, and earn from \$3 for seven hours' work, to as high as \$5.40 for nine hours' work.

<sup>4</sup>Three men are in a crew. They receive two cents per barrel, and earn, on an average, \$3 per day of ten hours.

<sup>5</sup>Twenty-one men handled 899,102 sacks in one month, for which they receive \$0.001875 per sack. The sum of \$1,635.85 was divided between them, making their average earnings, that month, the sum of \$80.28.

<sup>6</sup>Three men are in a crew. They receive two cents per barrel and average around \$3.50 per day of eight hours.

<sup>7</sup>Five men are in a crew. Their earnings average around \$100 per month.

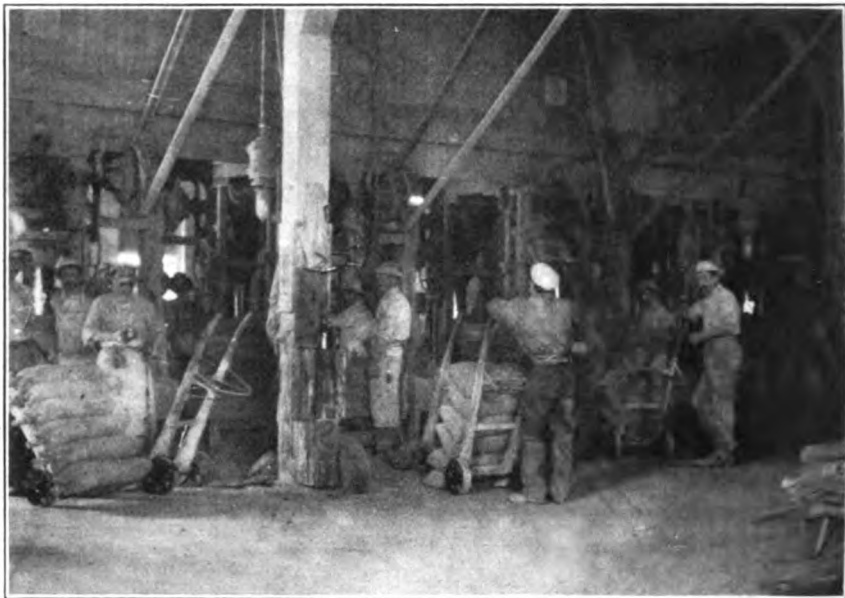
<sup>8</sup>Three men are in a crew. They receive two and a quarter cents per barrel.

This contract work includes the filling, tying, trucking, and loading of the sacks of cement.

Where the time schedules of the various plants vary from the number of hours as here given, the rates of wages have been adjusted accordingly.

In the report of the Industrial Accident Commission for the year 1913, the number of accidents in the various plants and quarries of the Portland cement companies, is included under "Quarries" with the





Packing house employees shown operating with Howe packing machines. This is the dustiest operation in the process of cement manufacture.



View of sack stacker used in piling sacks in warehouses. A motor is located under the stacker.

number which occurred in the other quarries throughout the state. These other quarries are engaged in the production of clay, marble, limestone, crushed rock, gravel, etc.

The total number of accidents thus reported, for the year 1913, was eighteen men killed, thirteen permanently injured, and one hundred thirty-eight incapacitated for work for periods exceeding seven days each.

Of this showing, an analysis of the original records of the Commission, discloses the fact that it is impossible, from the data, as found there, to definitely fix the location of the various accidents, in all cases. However, the following tabulation is offered, showing a division of these accidents between the mills, the quarries, and the outside, general, or unclassified accidents.

Distribution of Accidents in the Cement Industry.

Company	Character of accidents								
	Deaths			Permanent			Temporary		
	M.	Q.	O.	M.	Q.	O.	M.	Q.	O.
A		2	1		1	1	4	3	9
B	2								3
C									
D <sup>2</sup>	1		1	1			3	7	11
E		11					4	4	1
F							3	12	12
G		2					5	3	1
Totals	3	15	2	1	1	1	19	29	37

<sup>1</sup>Of this number, ten quarrymen were killed outright, at the same time and place, as reported, to a premature explosion. The other employee was similarly killed at a different time.

<sup>2</sup>Including various quarries operated by it.

This table shows a total number of accidents, strictly chargeable to the Portland cement industry, of twenty men killed, three permanently injured, and eighty-five incapacitated for work for periods exceeding seven days each.

While the 1913 report of the Commission shows a total of eighteen men killed, the cases of two others which occurred in 1913 were not "closed" when the report was made, and were not included in it, but are included in this tabulation.

It is thus shown that of the total number of accidents charged to "Quarries," only the foregoing figures apply to the Portland cement industry, while ten employees, in other industries, were permanently injured and fifty-three were incapacitated for periods exceeding seven days each.

It has been generally recognized that mining, quarrying, and other work involving the manufacturing or handling of explosives, rank

highest in the number of accidents in comparison with the number of employees exposed to such hazards.

It is not apparent though that the occupations in the cement mills involve the hazards incidental to quarrying.

On the contrary, the foregoing figures show that a large proportion of the non-fatal accidents do not occur in the mills, but are chargeable to quarry and other work performed outside of the cement mills.

In the matter of accident prevention, several companies have taken an advanced and commendable stand. One company has instructed its foremen to send any employee to the office if he has a disposition to endanger himself; if indifferent to his work; if found to have poor sight, hearing, or health, or is intemperate, and he is thereupon discharged. This company employed a force of eight carpenters to go over their plant and install such guards as were requisite to prevent accidents.

In furtherance of the "safety first" policy of this company, a committee meets every Monday night to discuss matters of safety. These are discussed first, and later the matter of efficiency in the mill is considered. In its quarry, this company has placed houses where the employees may find protection during the operation of blasting.

Further instances might be cited, but these will serve to show that the important matter of accident prevention has not been entirely disregarded or overlooked by several companies.

In pursuance of a law passed by the last legislature this Bureau undertook, this year, a compilation of statistics of the various manufacturing industries in California.

Blank forms, similar to those used in reporting to the United States Bureau of the Census, were delivered to all cement companies.

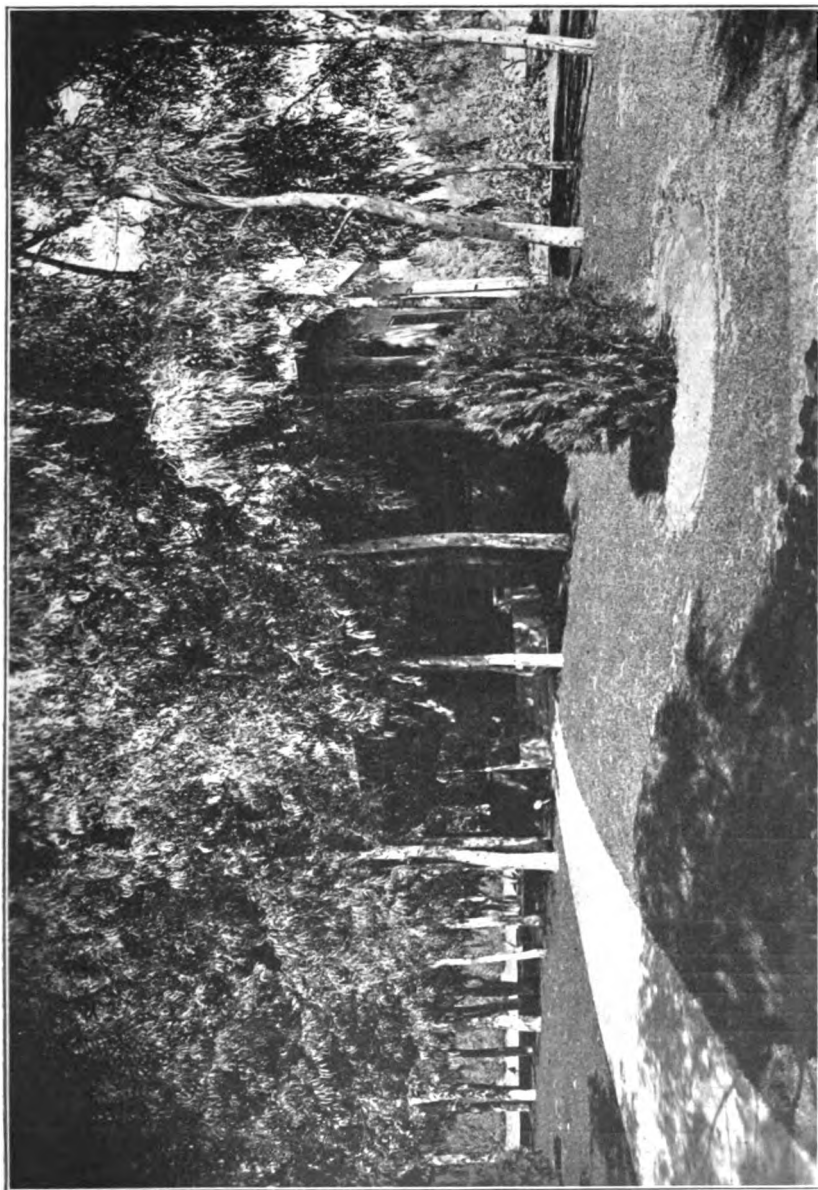
The negligence, or refusal, of several companies to supply desired information, prevents this Bureau from reporting on the total amount of capital invested in this industry; the value of material used, and the value of product.

This is to be regretted, since it prevents a proper presentation of the importance of this growing industry. Tables showing wages, and number employed, are given under "Manufactures," elsewhere in this volume.

The legal limitations, on this Bureau, prevent the publication of the names of individuals, firms, or corporations supplying such information as that on which this and other reports of the Bureau are based.

For this reason, this report purposely omits the names of the several companies, and leaves the reader to consider the subject in an impersonal manner.

The Bureau takes this opportunity to acknowledge the uniform courtesy extended to its representative, by the various gentlemen connected



A new hospital, in a beautiful setting of concrete construction, costing \$10,000. It has a complete equipment, and is available for emergency use.

with this industry, whom he had occasion to meet in making the required investigations.

Beyond two magazine articles describing two different plants, and a brief narration of the history of this industry, the subject of the Portland cement industry in California has not received the publicity which its importance deserves.

Such data as is accessible is contained in various government reports, as the annual reports of mineral production, issued by the California State Mining Bureau; occasional bulletins of the United States Geological Survey, and the Census Reports. Copies of the following publications may be obtained upon application to The Director, United States Geological Survey, Washington, D. C.:

Pamphlet "g," Part II, Mineral Resources of the United States, 1910-1911. "Cement: Portland cement materials and industry of the United States: map of the United States showing distribution of cement plants and principal limestone formations."

Pamphlet 9, Part II, Mineral Resources of the United States, 1913. "The cement industry in the United States."

Copies of the annual state reports on mineral production may be secured upon application to the State Mineralogist, Ferry Building, San Francisco. Statistics, from the annual report for 1913, have been presented in the first portion of this review of the industry.

On the subject of the cement industry in the United States, the reports of the Thirteenth Census, based on returns for the year 1909, state as follows:

This industry consists chiefly in the manufacture of Portland cement from rock usually quarried by the same establishments.

In the following comparative table no figures are presented for the censuses of 1879, 1889, and 1899, as in the published reports for these years the data for the manufacture of cement were included with those for the manufacture of lime under the classification of "lime and cement."

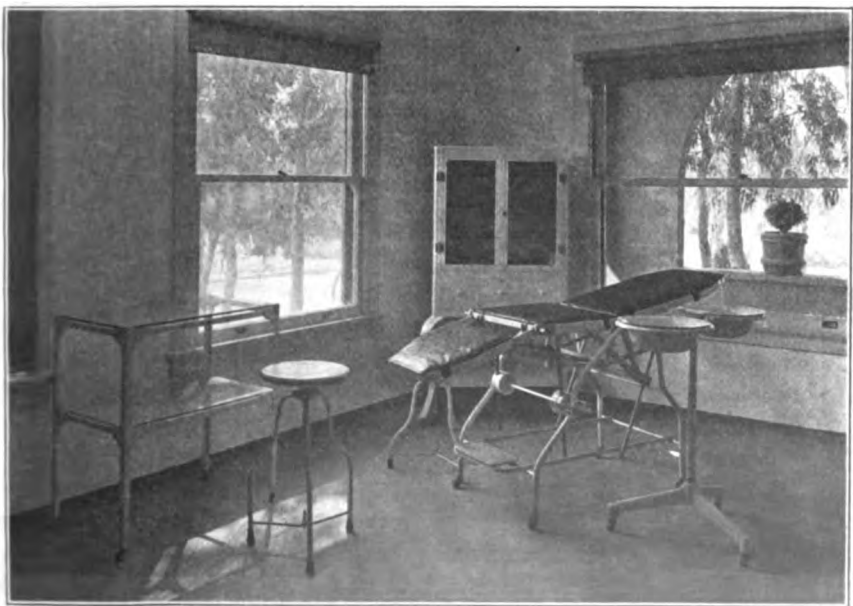
Comparative Statistics of the Portland Cement Industry.

Year	Number of establishments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manufacture
1909	135	26,775	\$15,319,662	\$29,343,791	\$63,205,455	\$33,861,664
1904	129	17,478	8,814,077	12,215,113	29,873,122	17,658,009
1869	45	1,632	631,993	773,192	2,033,893	1,260,701
1859	14	740	206,460	262,920	767,080	504,160
1849	35	407	117,924	238,157	509,110	270,953
California—						
1904	4	596	236,000	664,000	1,601,000	937,000
1909	8	2,407	1,650,000	2,182,000	6,504,000	4,322,000

Comparatively little natural cement was made in 1909 and a still smaller quantity of puzzolan cement. The former is an argillaceous limestone calcined and ground; the latter a ground mixture of blast furnace slag and slaked lime. The hydraulic cement called Portland cement is a calcined and ground mixture of limestone, chalk or marl and clay or shale.



A view of a ward in one of these hospitals.



The operating room in this hospital.

The statistics of products for the cement industry for 1909 and 1904, given in the following table, show a total value of \$63,205,455 in 1909 as compared with \$29,873,122 in 1904, the rate of increase for the five year period being 111.6 per cent. In 1899, the statistics for the lime and cement industries were combined, the products aggregating \$28,673,735 in value. The value of the combined lime and cement product in 1909 was \$81,157,442, the increase for the decade being 183 per cent.

During the period 1904-1909 the output of cement increased 110.5 per cent in quantity, all of the increase being in Portland cement, while the output of natural cement and of puzzolan cement decreased greatly. Portland cement formed 97.5 per cent of total in 1909, as compared with 83.7 per cent in 1904.

Comparative Table of Cement Production, by Years.

Product	1909	1904
Total value .....	\$63,205,455	\$29,873,122
Cement:		
Barrels .....	66,689,715	31,675,237
Value .....	\$53,610,563	\$26,031,920
Portland—		
Barrels .....	64,991,431	26,505,881
Value .....	\$52,858,354	\$23,353,119
Natural—		
Barrels .....	1,537,638	4,866,331
Value .....	\$652,756	\$2,450,150
Puzzolan—		
Barrels .....	160,646	303,045
Value .....	\$99,453	\$226,651
All other products .....	\$9,594,892	\$3,841,202
California—		
Barrels .....	3,779,205	969,538
Value .....	\$4,969,437	\$1,539,807

The statistics of the production of cement were collected in cooperation with the United States Geological Survey, which compiles annual statistics for the industry and reports the value of the cement in bulk, exclusive of the value of the barrels and bags used as containers. In order to make the census figures agree with those of the survey, the value of the cement in bulk is given here, and the value of the containers used is included in the total for "All other products," which also covers crushed rock sold as such, marble dust, and mixed ashes and cement. The census does not purport to furnish figures that can be used for determining the cost of manufacture and profits.

At the present time (1914), there are no Portland cement plants in Nevada; two plants in Oregon are not completed, and but one small plant is located in Arizona. This commercial territory is supplied with cement from Utah and Washington, as well as by the California companies.

The three Portland cement plants now operating in southern California have a rated daily capacity of about 9,000 barrels, while the four plants in the vicinity of San Francisco are credited with a capacity of about 18,750 barrels. The five cement plants in Washington have a rated daily capacity of 9,100 barrels. Several cement plants are also operating, at the present time, in western British Columbia.

In this connection, the possibility of eastern competition, due to low cost of production and cheap freight rates via the Panama Canal, may have some influence on the future of this industry on the Pacific coast.



**A solid concrete hospital, with concrete roof, costing \$10,000. It is completely equipped and always ready for emergency use.**

With the increasing utilization of cement in the construction of highways, buildings, power plants, railroads, and for other purposes, as indicated by the foregoing summaries of state and federal statistics, this industry in California appears to be destined to have a steady growth in its industrial and financial importance.





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## PART III.

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## ORGANIZED LABOR.

In this chapter are presented figures showing the rates of wages and hours of labor on January 1, 1914, in some 494 unions of the state. There is also indicated by footnotes changes in wages and hours made in the two years, January 1, 1912, to January 1, 1914, and of which we were able to obtain record.

The number of unions reporting does not, of course, represent all the labor organizations in the state. It does represent, however, an appreciable increase over the number covered in our last biennial report, where figures were shown for January 1, 1912.

We have continued the classification adopted in the previous biennial report. This classification is as follows:

### CLASSIFICATION OF LABOR ORGANIZATIONS.

- I. BUILDING, STONE WORKING, ETC.
  - Stone working.
  - Building and paving trades.
  - Building and street labor.
- II. TRANSPORTATION.
  - Railways.
  - Navigation.
  - Teaming and cab driving.
  - Freight handling.
  - Telegraphs.
- III. CLOTHING AND TEXTILES.
  - Garments.
  - Shirts, collars and laundry.
  - Hats, caps and furs.
  - Boots, shoes and gloves.
  - Textiles.
- IV. METALS, MACHINERY AND SHIPBUILDING.
  - Iron and steel.
  - Other metals.
  - Shipbuilding.
- V. PRINTING, BINDING, ETC.
- VI. WOOD WORKING AND FURNITURE.
- VII. FOOD AND LIQUORS.
  - Food products.
  - Beverages.
- VIII. THEATERS AND MUSIC.
- IX. TOBACCO.

- X. RESTAURANTS, TRADE, ETC.
  - Hotels and restaurants.
  - Barbering.
  - Retail trade.
- XI. PUBLIC EMPLOYMENT.
- XII. STATIONERY ENGINEMEN.
- XIII. MISCELLANEOUS.
  - Paper and paper goods.
  - Leather and leather goods.
  - Glass and glassware.
  - Cement and clay products.
  - Other distinct trades.
  - Mixed employment.

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## **ORGANIZED LABOR.**

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## LABOR ORGANIZATIONS: SHOWING RATES OF

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.</b>		
<b>(a) STONE WORKING.</b>		
<i>Granite Cutters—</i>		
1	Knowles .....	Granite Cutters' International Association of America
2	Los Angeles .....	Granite Cutters' International Association of America
3	Rocklin .....	Granite Cutters' International Association of America
4	San Francisco ...	Granite Cutters' International Association of America
5	San Jose .....	Granite Cutters' International Association of America
<i>Marble Workers—</i>		
6	San Francisco ...	International Marble Workers' Union, No. 38.....
7	San Francisco ...	International Marble Workers' Union, No. 44.....
<i>Paving Block Cutters—</i>		
8	Kenwood .....	Paving Cutters' Union of the United States and Canada, No. 120.
9	Santa Rosa .....	Paving Cutters' Union of the United States and Canada, No. 31.
<i>Quarrymen—</i>		
10	Sites .....	International Quarry Workers' Union, No. 46.....
<i>Stone Cutters and Sawyers—</i>		
11	San Francisco ...	Stone Cutters' Organization of North America.....
12	San Francisco ...	Stone Sawyers' Union, No. 1.....
<b>(b) BUILDING AND PAVING TRADES.</b>		
<i>Asbestos Workers (Pipe Coverers)—</i>		
13	San Francisco ...	International Association of Heat, Frost, General Insulators and Asbestos Workers of America, No. 16.
<i>Bricklayers and Masons—</i>		
14	Fresno .....	Bricklayers, Masons and Plasterers' International Union of America, No. 1.
15	Los Angeles .....	Bricklayers, Masons and Plasterers' International Union of America, No. 2.
16	Oakland .....	Bricklayers, Masons and Plasterers' International Union of America, No. 8.
17	Richmond .....	Bricklayers, Masons and Plasterers' International Union of America, No. 17.
18	Sacramento .....	Bricklayers, Masons and Plasterers' International Union of America, No. 9.
19	San Francisco ...	Bricklayers, Masons and Plasterers' International Union of America, No. 7.
20	San Jose .....	Bricklayers, Masons and Plasterers' International Union of America, No. 10.

## WAGES AND HOURS OF LABOR ON JANUARY 1, 1914.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Cutters -----	Male	Day	\$5 00	8	44	1
Polishers -----	Male	Day	5 00	8	44	
Sawyers -----	Male	Day	5 00	8	44	
Tool sharpeners -----	Male	Day	5 00	8	44	
Blacksmiths -----	Male	Day	5 00	8	44	2
Carvers -----	Male	Day	5 00	8	44	
Cutters -----	Male	Day	5 00	8	44	
Letterers -----	Male	Day	5 00	8	44	
Polishers -----	Male	Day	5 00	8	44	
Cutters -----	Male	Day	5 00	8	48	3
Cutters -----	Male	Hour	62½	8	44	4
Cutters -----	Male	Day	5 00	8	44	5
Bed rubbers -----	Male	Day	4 00	8	48	6
Carvers -----	Male	Day	5 50	8	48	
Cutters -----	Male	Day	4 50	8	48	
Machine hands -----	Male	Day	4 50	8	48	
Polishers -----	Male	Day	3 50	8	48	
Sawyers -----	Male	Day	3 00	8	48	
Setters -----	Male	Day	5 00	8	48	
Setters, helpers -----	Male	Day	3 00	8	44	7
Cutters -----	Male	Piece	Av.wk. 15 00	8	48	8
Cutters -----	Male	Piece	Per M. 35 00 Av.wk. 18 00	8	48	9
Drillers -----	Male	Day	2 50	8	48	10
Engineers -----	Male	Day	3 50	8	48	
Laborers -----	Male	Day	3 00	8	48	
Quarrymen -----	Male	Day	2 25	8	48	
Cutters -----	Male	Hour	70	8	44	11
Cutters, apprentices -----	Male	Day	1 00	8	44	
Sawyers -----	Male	Day	4 00-5 00	9	54	12
Asbestos workers -----	Male	Day	4 00	8	48	13
Bricklayers -----	Male	Hour	87½	8	44	14
Bricklayers -----	Male	Hour	75	8	44	15
Bricklayers -----	Male	Hour	87½	8	44	16
Bricklayers -----	Male	Hour	87½	8	44	17
Bricklayers -----	Male	Hour	87½	8	44	18
Bricklayers -----	Male	Day	7 00	8	44	19
Bricklayers -----	Male	Hour	75	8	44	20

June 1, 1913. Hours reduced from 9 per day, 50 per week.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Bricklayers and Masons—Continued.</i>		
21	Visalia -----	Bricklayers, Masons and Plasterers' International Union of America, No. 21.
<i>Carpenters and Joiners—</i>		
22	Alameda -----	United Brotherhood of Carpenters and Joiners of America, No. 194.
23	Bakersfield -----	Amalgamated Society of Carpenters, and Joiners, Branch 743.
24	Berkeley -----	Amalgamated Society of Carpenters and Joiners, Branch 809.
25	Berkeley -----	United Brotherhood of Carpenters and Joiners of America, No. 1158.
26	Berkeley -----	United Brotherhood of Carpenters and Joiners of America, No. 1689.
27	Chico -----	United Brotherhood of Carpenters and Joiners of America, No. 1888.
28	Coalinga -----	United Brotherhood of Carpenters and Joiners of America, No. 855.
29	Daly City -----	United Brotherhood of Carpenters and Joiners of America, No. 1913.
30	Eureka -----	United Brotherhood of Carpenters and Joiners of America, No. 1040.
31	Fresno -----	United Brotherhood of Carpenters and Joiners of America, No. 701.
32	Haywards -----	United Brotherhood of Carpenters and Joiners of America, No. 815.
33	Hollister -----	United Brotherhood of Carpenters and Joiners of America, No. 1139.
34	Los Angeles -----	United Brotherhood of Carpenters and Joiners of America, No. 158.
35	Los Gatos -----	United Brotherhood of Carpenters and Joiners of America, No. 844.
36	Maricopa -----	United Brotherhood of Carpenters and Joiners of America, No. 1856.
37	Marysville -----	United Brotherhood of Carpenters and Joiners of America, No. 1570.
38	Mill Valley -----	United Brotherhood of Carpenters and Joiners of America, No. 1710.
39	Mountain View -----	United Brotherhood of Carpenters and Joiners of America, No. 1280.
40	Oakland -----	Amalgamated Society of Carpenters and Joiners, Branch 810.
41	Oakland -----	Amalgamated Society of Carpenters and Joiners, Branch 2533.
42	Oakland -----	Amalgamated Society of Carpenters and Joiners, Branch 868.
43	Oakland -----	United Brotherhood of Carpenters and Joiners of America, No. 36.
44	Oakland -----	United Brotherhood of Carpenters and Joiners of America, No. 1667.
45	Oroville -----	United Brotherhood of Carpenters and Joiners of America, No. 1376.
46	Pacific Grove -----	United Brotherhood of Carpenters and Joiners of America, No. 806.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Bricklayers -----	Male	Day	\$7 00	8	48	21
Masons -----	Male	Day	7 00	8	48	
Plasterers -----	Male	Day	7 00	8	48	
Carpenters -----	Male	Day	5 00	8	44	22
Carpenters -----	Male	Day	<sup>a</sup> 5 00	8	<sup>a</sup> 44	23
Carpenters -----	Male	Day	5 00	†	†	24
Carpenters -----	Male	Day	5 00	8	44	25
Carpenters -----	Male	Day	4 50	8	44	26
Carpenters -----	Male	Day	4 00	8	48	27
Carpenters -----	Male	Day	5 00	8	48	28
Carpenters -----	Male	Day	5 00	8	44	29
Carpenters -----	Male	Week	24 00	8	48	30
Carpenters -----	Male	Day	<sup>a</sup> 5 00	8	<sup>a</sup> 44	31
Carpenters -----	Male	Day	2 50-4 00	8	48	32
Carpenters -----	Male	Day	4 00	8	48	33
Carpenters -----	Male	Day	4 00	8	48	34
Carpenters -----	Male	Day	<sup>a</sup> 5 00	8	44	35
Carpenters -----	Male	Day	5 00	8	48	36
Carpenters -----	Male	Day	4 00	8	48	37
Carpenters -----	Male	Day	5 00	8	44	38
Carpenters -----	Male	Day	4 80	8	44	39
Carpenters -----	Male	Hour	62½	8	44	40
Carpenters -----	Male	Week	27 50	8	44	41
Millmen -----	Male	Week	27 00	8	48	
Carpenters -----	Male	Day	5 00	8	44	42
Mill hands -----	Male	Day	4 50	8	44	
Carpenters -----	Male	Hour	62½	8	44	43
Carpenters -----	Male	Hour	62½	8	44	44
Carpenters -----	Male	Hour	50	8	48	45
Carpenters -----	Male	Day	<sup>a</sup> 4 50	8	44	46
Mill hands -----	Male	Day	4 00	8	48	

†Hours not reported.

<sup>1</sup>July 1, 1913. Wages increased from \$4.50 per day.<sup>2</sup>July 1, 1913. Hours reduced from 48 per week.<sup>3</sup>February 8, 1912. Wages increased from \$4.00 per day.<sup>4</sup>February 8, 1912. Hours reduced from 48 per week.<sup>5</sup>May 1, 1913. Wages increased from \$4.50 per day.<sup>6</sup>Wages increased from \$4.00 per day since January 1, 1912.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Carpenters and Joiners—Continued.</i>		
47	Palo Alto .....	United Brotherhood of Carpenters and Joiners of America, No. 668.
48	Pasadena .....	United Brotherhood of Carpenters and Joiners of America, No. 769.
49	Pasadena .....	United Brotherhood of Carpenters and Joiners of America, No. 1351.
50	Redlands .....	United Brotherhood of Carpenters and Joiners of America, No. 1343.
51	Richmond .....	United Brotherhood of Carpenters and Joiners of America, No. 642.
52	Riverside .....	United Brotherhood of Carpenters and Joiners of America, No. 235.
53	Roseville .....	United Brotherhood of Carpenters and Joiners of America, No. 1928.
54	Sacramento .....	United Brotherhood of Carpenters and Joiners of America, No. 586.
55	San Bruno .....	United Brotherhood of Carpenters and Joiners of America, No. 848.
56	San Diego .....	Amalgamated Society of Carpenters and Joiners. Branch 2553.
57	San Diego .....	United Brotherhood of Carpenters and Joiners of America, No. 810.
58	San Diego .....	Amalgamated Society of Carpenters and Joiners. Branch 924.
59	San Francisco ...	Amalgamated Society of Carpenters and Joiners. Branch 1.
60	San Francisco ...	Amalgamated Society of Carpenters and Joiners. Branch 2.
61	San Francisco ...	Amalgamated Society of Carpenters and Joiners. Branch 3.
62	San Francisco ...	Amalgamated Society of Carpenters and Joiners. Branch 4.
63	San Francisco ...	Amalgamated Society of Carpenters and Joiners. Branch 5.
64	San Francisco ...	United Brotherhood of Carpenters and Joiners of America, No. 22.
65	San Francisco ...	United Brotherhood of Carpenters and Joiners of America, No. 95.
66	San Francisco ...	United Brotherhood of Carpenters and Joiners of America, No. 304.
67	San Francisco ...	United Brotherhood of Carpenters and Joiners of America, No. 766.
68	San Francisco ...	United Brotherhood of Carpenters and Joiners of America, No. 483.
69	San Francisco ...	United Brotherhood of Carpenters and Joiners of America, No. 616.
70	San Francisco ...	United Brotherhood of Carpenters and Joiners of America, No. 1082.
71	San Francisco ...	United Brotherhood of Carpenters and Joiners of America, No. 1640.
72	San Jose .....	United Brotherhood of Carpenters and Joiners of America, No. 316.
73	Santa Barbara ..	United Brotherhood of Carpenters and Joiners of America, No. 1062.
74	Santa Rosa .....	United Brotherhood of Carpenters and Joiners of America, No. 751.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Carpenters -----	Male	Day	\$5 00	8	*44	47
Mill hands -----	Male	Day	4 50	8	*44	
Carpenters -----	Male	Hour	50	8	44	48
Carpenters -----	Male	Day	4 00	8	44	49
Carpenters -----	Male	Day	4 00	8	48	50
Carpenters -----	Male	Day	4 50	8	48	51
Carpenters -----	Male	Day	4 00	8	48	52
Carpenters -----	Male	Hour	50	8	48	53
Carpenters -----	Male	Day	5 00	8	44	54
Carpenters -----	Male	Day	5 00	8	44	55
Cabinet makers -----	Male	Day	4 50	8	48	
Mill hands -----	Male	Day	3 50-5 00	8	48	
Carpenters -----	Male	Hour	50	8	44	56
Carpenters -----	Male	Hour	50	8	44	57
Carpenters -----	Male	Hour	50	8	44	58
Carpenters -----	Male	Day	5 00	8	44	59
Carpenters -----	Male	Day	5 00	8	44	60
Carpenters -----	Male	Day	5 00	8	44	61
Carpenters -----	Male	Day	5 00	8	44	62
Carpenters -----	Male	Day	5 00	8	44	63
Carpenters -----	Male	Day	5 00	8	44	64
Carpenters -----	Male	Day	5 00	8	44	65
Carpenters -----	Male	Day	5 00	8	44	66
Millwrights -----	Male	Day	5 00	8	44	67
Carpenters -----	Male	Day	5 00	8	44	68
Foremen carpenters -----	Male	Day	6 00	8	44	
Stairbuilders -----	Male	Day	5 50	8	44	69
Carpenters -----	Male	Day	5 00	8	44	70
Carpenters -----	Male	Hour	62½	8	44	71
Carpenters -----	Male	Day	*5 00	8	44	72
Mill hands -----	Male	Day	3 50-4 00	8	48	
Carpenters -----	Male	Hour	1*50	8	48	73
Carpenters -----	Male	Day	4 00	8	48	74

\*Hours reduced from 48 per week since January 1, 1912.

\*Wages increased from \$4.40 per day since January 1, 1912.

\*January, 1913. Wages increased from \$0.43½ per hour.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Carpenters and Joiners—Continued.</i>		
75	Stockton .....	United Brotherhood of Carpenters and Joiners of America, No. 266.
76	Vallejo .....	United Brotherhood of Carpenters and Joiners of America, No. 180.
77	Watsonville .....	United Brotherhood of Carpenters and Joiners of America, No. 771.
78	Woodland .....	United Brotherhood of Carpenters and Joiners of America, No. 1381.
<i>Cement Workers—</i>		
79	Bakersfield .....	American Brotherhood of Cement Workers, No. 130.....
80	Los Angeles .....	American Brotherhood of Cement Workers, No. 3.....
81	Oakland .....	American Brotherhood of Cement Workers, No. 19.....
82	Richmond .....	American Brotherhood of Cement Workers, No. 138.....
83	Sacramento .....	American Brotherhood of Cement Workers, No. 12.....
84	San Diego .....	American Brotherhood of Cement Workers, No. 152.....
85	San Francisco ...	American Brotherhood of Cement Workers, No. 1.....
86	San Jose .....	American Brotherhood of Cement Workers, No. 5.....
87	Vallejo .....	American Brotherhood of Cement Workers, No. 160.....
<i>Dredgemen and Steam Shovel Men—</i>		
88	San Francisco ...	Associated Union of Steam Shovel Men, No. 2.....
89	San Francisco ...	International Brotherhood of Steam Shovel and Dredgemen, No. 29.
<i>Electrical Workers—</i>		
90	Fresno .....	International Brotherhood of Electrical Workers of America, No. 100.
91	Los Angeles .....	International Brotherhood of Electrical Workers of America, No. 61.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Carpenters .....	Male	Day	\$4 40	8	44	75
Carpenters .....	Male	Day	115 00	8	1244	76
Carpenters .....	Male	Day	124 50	8	48	77
Carpenters .....	Male	Day	144 00	128	48	78
Finishers .....	Male	Day	5 00	8	48	79
Finishers, helpers .....	Male	Day	4 00	8	48	
Laborers .....	Male	Day	3 00	8	48	
Finishers .....	Male	Day	5 00	8	48	80
Laborers .....	Male	Day	3 00	8	48	
Finishers .....	Male	Hour	75	8	44	81
Finishers, helpers .....	Male	Hour	664	8	44	
Laborers .....	Male	Hour	50	8	44	
Finishers .....	Male	Day	126 00	8	48	82
Finishers, helpers .....	Male	Day	115 00	8	48	
Laborers .....	Male	Day	124 00	8	48	
Finishers .....	Male	Day	5 00	8	44	83
Laborers .....	Male	Day	3 60	8	44	
Finishers .....	Male	Hour	564	8	48	84
Finishers, helpers .....	Male	Hour	43	8	48	
Finishers .....	Male	Day	6 00	8	44	85
Finishers, helpers .....	Male	Day	5 00	8	44	
Laborers .....	Male	Day	4 00	8	44	
Finishers .....	Male	Day	5 00	8	44	86
Laborers .....	Male	Day	3 50	8	44	
Finishers .....	Male	Day	6 00	8	48	87
Laborers .....	Male	Day	3 50	8	48	
Cranesmen .....	Male	Month	\$110 and b'rd	10	60	88
Engineers .....	Male	Month	150 and b'rd	10	60	
Firemen .....	Male	Month	75 and b'rd	10	60	
Cranesmen .....	Male	Month	135 00	9	54	89
Engineers .....	Male	Month	175 00	9	54	
Firemen .....	Male	Month	100 00	9	54	
Inside wiremen .....	Male	Day	4 50	8	44	90
Groundmen .....	Male	Day	2 50	8	48	91
Inside wiremen .....	Male	Day	4 00	8	48	
Fixture hangers .....	Male	Day	3 75	8	48	
Helpers .....	Male	Day	2 50	8	48	
Linemen .....	Male	Day	3 75	8	48	

<sup>1</sup>April 1, 1912. Wages increased from \$4.50 per day.

<sup>2</sup>April 1, 1912. Hours reduced from 48 per week.

<sup>3</sup>Wages increased from \$4.00 per day since January 1, 1912.

<sup>4</sup>June 1, 1913. Wages increased from \$3.50 per day.

<sup>5</sup>June 1, 1913. Hours reduced from 9 per day.

<sup>6</sup>Wages increased from \$5.00 per day since January 1, 1912.

<sup>7</sup>Wages increased from \$4.00 per day since January 1, 1912.

<sup>8</sup>Wages increased from \$3.00 per day since January 1, 1912.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Electrical Workers—Continued.</i>		
92	Los Angeles ----	International Brotherhood of Electrical Workers of America, No. 370.
93	Oakland -----	International Brotherhood of Electrical Workers of America, No. 283.
94	Oakland -----	International Brotherhood of Electrical Workers of America, No. 595.
95	Pasadena -----	International Brotherhood of Electrical Workers of America, No. 560.
96	San Diego -----	International Brotherhood of Electrical Workers of America, No. 465.
97	San Francisco ---	International Brotherhood of Electrical Workers of America, No. 6.
98	San Francisco ---	International Brotherhood of Electrical Workers of America, No. 151.
99	San Francisco ---	International Brotherhood of Electrical Workers of America, No. 404.
100	San Francisco ---	International Brotherhood of Electrical Workers of America No. 537.
101	San Jose -----	International Brotherhood of Electrical Workers of America, No. 250.
102	San Mateo -----	International Brotherhood of Electrical Workers of America, No. 617.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Telephone men .....	Male	Day	\$3 75	8	48	92
Electric light men.....	Male	Day	<sup>19</sup> 4 50	8	<sup>20</sup> 44	93
Street car work.....	Male	Day	4 25	9	54	
Telephone men .....	Male	Day	4 00	8	48	
Wiremen, journeymen .....	Male	Day	5 00	8	44	94
Wiremen, apprentices .....	Male	Day	2 00-4 00	8	44	
Inside wiremen .....	Male	Day	3 75	8	44	95
Cable splicers .....	Male	Day	<sup>21</sup> 4 75	8	48	96
Fixture men .....	Male	Day	<sup>22</sup> 4 00	8	44	
Inside wiremen .....	Male	Day	<sup>23</sup> 4 00	8	44	
Linemen, electric light.....	Male	Day	4 00	9	54	98
Linemen, telephone .....	Male	Day	<sup>24</sup> 4 00	8	48	
Power, station men.....	Male	Day	4 00	9	54	
Telephone switchboard men...	Male	Day	<sup>25</sup> 4 00	8	48	97
Inside wiremen .....	Male	Day	5 00	8	44	
Inside wiremen, helpers.....	Male	Day	2 75	8	44	
Outside men, electric light....	Male	Day	4 75-5 50	8	<sup>26</sup> 44	98
Outside men, telephone.....	Male	Day	4 00	8	48	
Repair men, telephone.....	Male	Day	4 00	8	48	
Station men, electric light....	Male	Day	3 00-4 00	8	48	98
Switchboard men, telephone...	Male	Day	4 00	8	48	
Trouble men, electric light....	Male	Day	4 00-4 50	8	48	
Fixture hangers .....	Male	Day	4 50	8	44	99
Cable splicers—						
(a) Electric light:						100
Journeymen .....	Male	Day	<sup>27</sup> 5 50	8	44	
Apprentices .....	Male	Day	4 25	8	44	
Helpers .....	Male	Day	<sup>28</sup> 3 25	8	44	
(b) Electric railway:						
Journeymen .....	Male	Day	4 50	8	48	
Apprentices .....	Male	Day	2 50-3 75	8	48	
Helpers .....	Male	Day	2 25	8	48	
(c) Telephone:						
Journeymen .....	Male	Day	<sup>29</sup> 4 75	8	48	
Helpers .....	Male	Day	<sup>30</sup> 2 25-2 75	8	48	
Fixture men .....	Male	Day	4 00-5 00	8	48	
Inside wiremen .....	Male	Day	5 00	8	44	101
Linemen, light and power.....	Male	Day	4 25	8-9	44-48	
Linemen, electric railway.....	Male	Day	4 00	8	48	
Station men .....	Male	Month	70 00-100 00	8	56	
Telephone men .....	Male	Day	3 75	8-9	48-54	
Telephone cable splicers.....	Male	Day	4 50	8	48	
Inside wiremen .....	Male	Day	5 00	8	44	102
Helpers .....	Male	Day	2 50-4 00	8	44	

<sup>19</sup>September, 1912. Wages increased from \$4.25 per day.<sup>20</sup>September, 1912. Hours reduced from 48 per week.<sup>21</sup>April 1, 1913. Wages increased from \$4.50 per day.<sup>22</sup>November 1, 1913. Wages increased from \$3.50 per day.<sup>23</sup>November 1, 1913. Wages increased from \$3.50 per day.<sup>24</sup>April 1, 1913. Wages increased from \$3.75 per day.<sup>25</sup>April 1, 1913. Wages increased from \$3.75 per day.<sup>26</sup>September 1, 1912. Hours reduced from 48 per week.<sup>27</sup>Wages increased from \$5.25 per day since January 1, 1912.<sup>28</sup>Wages increased from \$5.00 per day since January 1, 1912.<sup>29</sup>January 1, 1913. Wages increased from \$4.50 per day.<sup>30</sup>January 1, 1913. Wages increased from \$2.25 per day.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Electrical Workers—Continued.</i>		
103	San Rafael .....	International Brotherhood of Electrical Workers of America, No. 614.
104	Santa Barbara ..	International Brotherhood of Electrical Workers of America, No. 451.
105	Vallejo .....	International Brotherhood of Electrical Workers of America, No. 184.
<i>Elevator Constructors—</i>		
106	San Francisco ---	International Union of Elevator Constructors, No. 8..
<i>Engineers, Hoisting and Portable—</i>		
107	San Francisco ---	International Union of Steam Engineers, No. 59.....
<i>House Movers—</i>		
108	Oakland .....	House Movers' Union, Journeymen, No. 14127.....
109	Sacramento .....	House Raisers and Movers, No. 12314.....
110	San Francisco ---	House Movers' Union, Journeymen, No. 14084.....
<i>Housemiths and Bridgemen—</i>		
111	Los Angeles ---	International Association of Bridge and Structural Iron Workers, No. 51.
112	Sacramento .....	International Association of Bridge and Structural Iron Workers, No. 118.
113	San Francisco ---	International Association of Bridge and Structural Iron Workers, No. 31.
114	San Francisco ---	International Association of Bridge and Structural Iron Workers, No. 77.
<i>Lathers—</i>		
115	Fresno .....	International Union of Wood, Wire and Metal Lathers, No. 83.
116	Long Beach .....	International Union of Wood, Wire and Metal Lathers, No. 172.
117	Richmond .....	International Union of Wood, Wire and Metal Lathers, No. 343.
118	San Diego .....	International Union of Wood, Wire and Metal Lathers, No. 260.
119	San Francisco ---	International Union of Wood, Wire and Metal Lathers, No. 65.
120	San Jose .....	International Union of Wood, Wire and Metal Lathers, No. 144.
121	San Rafael .....	International Union of Wood, Wire and Metal Lathers, No. 268.
122	Vallejo .....	International Union of Wood, Wire and Metal Lathers, No. 302.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Electrical workers .....	Male	Day	\$5 00	8	44	103
Cable splicers .....	Male	Day	4 50	8	48	104
Inside wiremen .....	Male	Day	3 50	8	48	
Linemen, electric light .....	Male	Day	3 50	9	54	
Linemen, telephone .....	Male	Day	<sup>24</sup> 4 00	8	48	
Switchboard men .....	Male	Day	<sup>24</sup> 4 00	8	48	
Inside wiremen .....	Male	Day	4 00-4 50	8	48	105
Linemen, construction .....	Male	Day	4 25	8	48	
Linemen, telephone .....	Male	Day	4 25	8-9	48-54	
Shopmen .....	Male	Day	4 32	8	48	
Station men .....	Male	Month	70 00-100 00	8	48	
Trouble men .....	Male	Day	<sup>24</sup> 4 00	8	48	
Elevator constructors .....	Male	Hour	62½	8	48	106
Elevator constructors, helpers .....	Male	Hour	37½	8	48	
Engineers .....	Male	Day	6 00	8	44	107
House movers .....	Male	Day	5 00	8	44	108
House raisers and movers .....	Male	Day	4 50	8	44	109
House movers .....	Male	Day	5 00	8	44	110
Structural iron workers .....	Male	Day	4 00	8	44	111
Structural iron workers .....	Male	Hour	62½	8	44	112
Machinery movers .....	Male	Hour	62½	8	44	113
Stone derrick men .....	Male	Hour	<sup>24</sup> 62½	8	44	
Structural iron workers .....	Male	Hour	<sup>24</sup> 75	8	44	
Pile drivers and structural iron workers .....	Male	Day	5 00	8	48	114
Lathers .....	Male	Piece	Per M, 3 00	8	44	115
Lathers .....	Male	Piece	Av. per wk. 12 00-20 00	8	44	116
Lathers .....	Male	Day	5 50	8	44	117
Metal lathers .....	Male	Day	4 50	8	44	118
Wood lathers .....	Male	Piece	Per M, 2 50	8	44	119
Lathers .....	Male	Day	6 00	8	44	
Lathers .....	Male	Day	<sup>26</sup> 6 00	8	44	120
Lathers .....	Male	Piece	Per M, 4 00	8	44	121
Lathers .....	Male	Day	5 00	8	48	122

<sup>21</sup>January 1, 1913. Wages increased from \$3.75 per day.<sup>22</sup>January 1, 1913. Wages increased from \$3.75 per day.<sup>23</sup>January 1, 1913. Wages increased from \$3.75 per day.<sup>24</sup>August 12, 1913. Wages increased from \$0.56½ per hour.<sup>25</sup>August 1, 1913. Wages increased from \$0.62½ per hour.<sup>26</sup>Wages increased from \$5.00 per day since January 1, 1912.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Painters and Decorators—</i>		
123	Bakersfield .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 314.
<i>Pavers and Rammermen—</i>		
124	Eureka .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 1034.
125	Fresno .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 294.
126	Hanford .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 594.
127	Los Angeles ....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 267.
128	Los Angeles ....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 350.
129	Los Angeles ....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 831.
130	Marysville .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 146.
131	Oakland .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 127.
132	Palo Alto .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 368.
133	Riverside .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 780.
134	San Diego .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 333.
135	San Francisco ...	Brotherhood of Painters, Decorators and Paperhangers of America, No. 19.
136	San Francisco ...	Brotherhood of Painters, Decorators and Paperhangers of America, No. 510.
137	San Francisco ...	Brotherhood of Painters, Decorators and Paperhangers of America, Painters' Auxiliary, Apprentices.
138	San Jose .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 507.
139	San Pedro .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 949.
140	Santa Barbara..	Brotherhood of Painters, Decorators and Paperhangers of America, No. 715.
141	Santa Rosa .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 364.
142	Stockton .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 274.
143	Vallejo .....	Brotherhood of Painters, Decorators and Paperhangers of America, No. 376.
144	San Francisco ...	International Union of Pavers, Rammermen, Flag Layers, Bridge and Curb Setters, No. 18.
145	San Francisco ...	International Union of Pavers, Rammermen, Flag Layers, Bridge and Curb Setters, No. 26.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Glaziers -----	Male	Day	\$5 00	8	44	123
Painters -----	Male	Day	\$5 00	8	**44	
Paperhangers -----	Male	Day	\$5 00	8	**44	
Sign writers -----	Male	Day	5 50	8	**44	
Painters -----	Male	Day	4 50	8	48	124
Painters -----	Male	Day	4 50	8	44	125
Painters -----	Male	Hour	50	†	†	126
Painters and decorators -----	Male	Day	3 50	8	48	127
Painters and paperhangers -----	Male	Day	3 50	8	48	128
Pictorial painters -----	Male	Day	6 00	8	44	129
Sign painters -----	Male	Day	5 00	8	48	
Painters -----	Male	Day	4 00	9	54	130
Painters, decorators, etc. -----	Male	Day	4 75	8	44	131
Painters -----	Male	Day	4 00	8	44	132
Paperhangers -----	Male	Day	4 50	8	44	
Painters -----	Male	Day	3 50	8	48	133
Paperhangers -----	Male	Day	3 50	8	48	
Decorators -----	Male	Day	4 50	8	44	
Painters -----	Male	Day	4 00	8	44	134
Painters -----	Male	Day	4 50	8	44	135
Paperhangers -----	Male	Day	4 50	8	44	
Helpers, general -----	Male	Day	4 00	8	44	
Pictorial painters -----	Male	Day	6 50	8	44	136
Show card writers -----	Male	Day	5 50	8	44	
Sign hangers -----	Male	Day	4 00	8	44	
Sign writers -----	Male	Day	5 50	8	44	
Apprentices -----	Male	Day	1 00-4 00	8	44	
Decorators -----	Male	Day	5 00	8	44	137
Grainers -----	Male	Day	6 00	8	44	
Glaziers -----	Male	Day	4 50	8	44	
Painters -----	Male	Day	4 50	8	44	138
Paperhangers -----	Male	Day	4 50	8	44	
Painters, etc. -----	Male	Day	**4 00	8	48	139
Painters -----	Male	Day	3 50	8	48	140
Paperhangers -----	Male	Day	3 50	8	48	
Painters -----	Male	Day	4 00	8	48	141
Painters -----	Male	Hour	56†	8	44	142
Paperhangers -----	Male	Hour	56†	8	44	
Grainers -----	Male	Day	6 00	8	44	
Painters -----	Male	Day	4 00	8	48	143
Pavers -----	Male	Day	6 00	8	48	144
Pavers -----	Male	Day	5 00	8	48	145

†Hours not reported.

\*March 12, 1913. Wages increased from \$4.50 per day.

\*\*March 12, 1913. Hours reduced from 48 per week.

\*\*August 1, 1913. Wages increased from \$3.50 per day.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
I. Building, Stone Working, etc.—Continued.		
(b) BUILDING AND PAVING TRADES—Continued.		
<i>Plasterers—</i>		
146	Marysville .....	Operative Plasterers' International Association, No. 504
147	Modesto .....	Operative Plasterers' International Association, No. 429
148	Oakland .....	Operative Plasterers' International Association, No. 112
149	Pasadena .....	Operative Plasterers' International Association, No. 194
150	Pomona .....	Operative Plasterers' International Association, No. 468
151	San Francisco .....	Operative Plasterers' International Association, No. 66
152	San Francisco .....	Operative Plasterers' International Association, No. 455
153	San Francisco .....	Operative Plasterers' International Association, No. 460
154	Santa Barbara .....	Operative Plasterers' International Association, No. 341
<i>Plumbers, Gas and Steam Fitters—</i>		
155	Bakersfield .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 460.
156	Fresno .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 246.
157	Hanford .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 262.
158	Lodi .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 330.
159	Long Beach .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 494.
160	Los Angeles .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 78.
161	Modesto .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 25.
162	Monterey .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 62.
163	Oakland .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 444.
164	Pasadena .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 280.
165	Richmond .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 436.
166	Richmond .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 310.
167	Sacramento .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 447.
168	San Bernardino .....	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. ....

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Plasterers -----	Male	Day	\$7 00	8	48	146
Plasterers -----	Male	Day	6 00	8	48	147
Plasterers -----	Male	Day	7 00	8	44	148
Plasterers -----	Male	Day	4 06 00	8	44	149
Plasterers -----	Male	Day	5 00	8	48	150
Plasterers -----	Male	Day	7 00	8	44	151
Modelers and sculptors -----	Male	Day	7 00-12 00	8	44	152
Plaster casting makers -----	Male	Hour	65-75	8	44	153
Plasterers -----	Male	Day	6 00	8	48	154
Plumbers and steam fitters...	Male	Day	4 06 00	8	44	155
Plumbers -----	Male	Day	5 50	8	44	156
Plumbers and Gas Fitters....	Male	Day	5 00	8	48	157
Plumbers -----	Male	Day	4 00	8	44	158
Plumbers, etc. -----	Male	Day	4 05 00	8	44	159
Plumbers, gas and steamfitters	Male	Day	4 50	8	48	160
Plumbers -----	Male	Week	27 00	8	48	161
Plumbers, gas and steamfitters	Male	Day	4 05 00	8	44	162
Plumbers, gas and sprinkler fitters -----	Male	Day	6 00	8	44	163
Plumbers, gas and steamfitters	Male	Day	5 00	8	44	164
Plumbers, gas and steamfitters, apprentices -----	Male	Day	4 00	8	44	
Plumbers -----	Male	Hour	50	8	48	165
Steamfitters -----	Male	Hour	50	8	48	
Steamfitters, helpers -----	Male	Hour	34 5/9	8	48	
Plumbers -----	Male	Day	5 50	8	44	166
Plumbers, gas, steam and sprinkler fitters -----	Male	Day	4 06 00	8	44	167
Fitters' helpers -----	Male	Day	3 00	8	44	
Plumbers, apprentices -----	Male	Day	4 04 50	8	44	
Plumbers -----	Male	Week	27 00	8	48	168

\*October 3, 1912. Wages increased from \$5.50 per day.

\*January 1, 1913. Wages increased from \$5.00 per day.

\*May 1, 1913. Hours reduced from 48 per week.

\*May 1, 1913. Wages increased from \$4.50 per day.

\*January 1, 1913. Hours reduced from 48 per week.

\*August 1, 1913. Wages increased from \$4.50 per day.

\*August 1, 1913. Hours reduced from 48 per week.

\*January 1, 1913. Wages increased from \$5.50 per day.

\*January 1, 1913. Wages increased from \$4.00 per day.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>1. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Plumbers, Gas and Steam Fitters—Continued.</i>		
169	San Francisco ---	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 141.
170	San Francisco ---	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 442.
171	San Francisco ---	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 590.
172	San Jose -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 393.
173	Vallejo -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 545.
<i>Roofers, Composition—</i>		
174	Los Angeles ----	International Brotherhood of Composition Roofers, Damp and Waterproof Workers of the United States and Canada, No. 21.
175	San Francisco --	International Brotherhood of Composition Roofers, Damp and Waterproof Workers of the United States and Canada, No. 25.
<i>Roofers, Slate and Tile—</i>		
176	San Francisco ---	International Slate and Tile Workers of America, No. 8
<i>Sheet Metal Workers—</i>		
177	Bakersfield -----	Amalgamated Sheet Metal Workers' International Alliance, No. 369.
178	Los Angeles -----	Amalgamated Sheet Metal Workers' International Alliance No. 108.
179	Los Angeles -----	Amalgamated Sheet Metal Workers' International Alliance, No. 340.
180	Oakland -----	Amalgamated Sheet Metal Workers' International Alliance, No. 216.
181	Sacramento -----	Amalgamated Sheet Metal Workers' International Alliance, No. 162.
182	San Francisco ---	Amalgamated Sheet Metal Workers' International Alliance, No. 104.
183	Stockton -----	Amalgamated Sheet Metal Workers' International Alliance, No. 283.
<i>Shinglers—</i>		
184	Los Angeles -----	Los Angeles Shinglers Union, No. 2-----
<i>Steam and Hot Water Fitters—</i>		
185	San Francisco ---	International Association of Steam, Hot Water and Power Pipe Fitters and Helpers of America, No. 46.
186	San Francisco ---	Gas Appliance and Stove Fitters, No. 12432-----

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rate <sup>a</sup>	On first 5 days	Weekly	
Steam and sprinkler fitters...	Male	Day	\$3 00	8	44	169
Plumbers, gas and sprinkler fitters .....	Male	Day	6 00	8	44	170
Steamfitters .....	Male	Day	4 00	8	44	171
Plumbers, gas and steamfitters	Male	Day	6 00	8	44	172
Plumbers .....	Male	Day	5 00	8	48	173
Roofers .....	Male	Day	3 00	8	48	174
Roofers, helpers .....	Male	Day	2 25	8	48	
Roofers .....	Male	Day	6 00	8	<sup>a</sup> 44	175
Roofers .....	Male	Day	5 00	8	44	176
Sheet metal workers .....	Male	Day	<sup>a</sup> 5 50	8	<sup>a</sup> 44	177
Sheet metal workers .....	Male	Hour	56 $\frac{1}{2}$	8	44	178
Sheet metal workers .....	Male	Hour	37 $\frac{1}{2}$ -40	9	54	179
Sheet metal workers, helpers ..	Male	Hour	27 $\frac{1}{2}$ -30	9	54	
Sheet metal workers .....	Male	Day	5 50	8	44	180
Sheet metal workers .....	Male	Hour	62 $\frac{1}{2}$	8	44	181
Sheet metal workers .....	Male	Day	<sup>a</sup> 5 50	8	44	182
Sheet metal workers .....	Male	Day	<sup>a</sup> 5 50	8	44	183
Shinglers .....	Male	Day	4 00	8	48	184
Steamfitters .....	Male	Day	4 00	8	48	185
Steamfitters, helpers .....	Male	Day	3 00	8	48	
Fitters .....	Male	Day	4 00	8	48	186

<sup>a</sup>November, 1913. Hours reduced from 48 per week.<sup>a</sup>November, 1913. Wages increased from \$5.00 per day.<sup>a</sup>November, 1913. Hours reduced from 48 per week.<sup>a</sup>Wages increased from \$5.00 per day since January 1, 1912.<sup>a</sup>May 1, 1913. Wages increased from \$5.00 per day.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Tilelayers—</i>		
187	Los Angeles -----	International Ceramic, Mosaic and Encaustic Tile Layers and Helpers' Union, No. 24.
188	San Francisco ---	International Ceramic, Mosaic and Encaustic Tile Layers and Helpers' Union, No. 70.
189	San Francisco ---	International Ceramic, Mosaic and Encaustic Tile Layers and Helpers' Union, No. 48.
<i>Varnishers and Polishers—</i>		
190	San Francisco ---	Brotherhood of Painters, Decorators and Paperhangers of America, No. 134.
<b>(c) BUILDING AND STREET LABOR.</b>		
<i>Bricklayers, Masons and Plasterers' Laborers—</i>		
191	Los Angeles -----	International Hod Carriers and Building Laborers' Union of America, No. 300.
192	San Francisco ---	Laborers' Protective Benevolent Association of Hod Carriers.
193	San Rafael -----	International Hod Carriers and Building Laborers' Union of America, No. 291.
194	Santa Rosa -----	International Hod Carriers and Building Laborers' Union of America, No. 139.
195	Stockton -----	International Hod Carriers and Building Laborers' Union of America, No. 73.
<i>General Building and Street Laborers—</i>		
196	Los Angeles -----	Building Laborers' International Protective Union, No. 1.
197	San Francisco ---	United Laborers' Union of San Francisco, No. 12992----
<b>II. Transportation.</b>		
<b>(a) RAILWAYS.</b>		
<i>Car Workers—</i>		
198	Los Angeles -----	Brotherhood of Railway Carmen of America, No. 410---
199	Richmond -----	Brotherhood of Railway Carmen of America, No. 125---
200	San Bernardino and vicinity.	Brotherhood of Railway Carmen of America, No. 128---
<i>Conductors—</i>		
201	Sacramento -----	Order of Railway Conductors of America, No. 195-----
202	San Francisco ---	Order of Railway Conductors of America, No. 115-----
203	San Rafael -----	Order of Railway Conductors of America, No. 532-----
204	Stockton -----	Order of Railway Conductors of America, No. 567-----

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Tilelayers .....	Male	Day	\$4.50 00	8	48	187
Tilelayers, helpers .....	Male	Day	\$2.75	8	48	
Tilelayers, helpers .....	Male	Day	2 50	8	44	188
Tilelayers .....	Male	Day	6 00	8	44	189
Varnishers .....	Male	Day	4 00	8	44	190
Brick wheelers .....	Male	Day	2 75	8	44	191
Hod carriers .....	Male	Day	4 50	8	44	
Mortar and hod men .....	Male	Day	3 50	8	44	192
Plasterers .....	Male	Day	6 00	8	44	
Bricklayers and plasterers, helpers .....	Male	Day	5 00	8	44	193
Hod carriers .....	Male	Day	4 00	8	44	
Hod carriers .....	Male	Day	\$5.00	8	44	194
Laborers .....	Male	Day	\$72.90	8	48	
Hod carriers .....	Male	Day	4 00	8	48	195
Hod carriers .....	Male	Day	4 00	8	44	
Plasterers laborers .....	Male	Day	4 50	8	48	196
Mortar men .....	Male	Day	3 25	8	48	
Brick and mortar wheelers .....	Male	Day	2 75	8	48	197
Carpenters, helpers .....	Male	Day	2 50	8	48	
Excavators .....	Male	Day	2 50	8	48	198
Street, sewer and park laborers .....	Male	Day	3 00	8	48	
Car workers .....	Male	Hour	20-30	9	63	199
Car workers .....	Male	Hour	25-29	8	48	
Car workers .....	Male	Hour	\$25-32	9	54-59	200
Conductors, freight .....	Male	Month	130 90-139 15	\$	\$	201
Conductors, passenger .....	Male	Month	134 20-165 00	\$	\$	
Conductors, freight .....	Male	Month	139 50	\$	\$	202
Conductors, passenger .....	Male	Month	152 90-165 00	\$	\$	
Conductors .....	Male	Month	\$120-156	\$	\$	203
Conductors, freight .....	Male		4 40	\$	\$	
Conductors, passenger .....	Male	Month	165 00	\$	\$	204

<sup>1</sup>January 1, 1913. Wages increased from \$4.50 per day.

<sup>2</sup>January 1, 1913. Wages increased from \$2.25 per day.

<sup>3</sup>Wages increased from \$4.50 per day since January 1, 1912.

<sup>4</sup>Wages increased from \$2.50 per day since January 1, 1912.

<sup>5</sup>Wages increased from \$0.234—0.274 per hour since January 1, 1912.

<sup>6</sup>October 1, 1913. Wages increased from \$112.50—150.00 per month.

<sup>7</sup>100 miles or 10 hours.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>II. Transportation—Continued.</b>		
<b>(a) RAILWAYS.</b>		
<i>Engineers, Locomotive—</i>		
205	Bakersfield and vicinity	International Brotherhood of Locomotive Engineers, No. 126.
206	Los Angeles .....	International Brotherhood of Locomotive Engineers, No. 5.
207	Sacramento .....	International Brotherhood of Locomotive Engineers, No. 110.
208	San Bernardino..	International Brotherhood of Locomotive Engineers, No. 398.
<i>Firemen and Engineers, Locomotive—</i>		
209	Dunsmuir .....	Brotherhood of Locomotive Firemen and Enginemen, No. 312.
210	Eureka .....	Brotherhood of Locomotive Firemen and Enginemen, No. 239.
211	Roseville .....	Brotherhood of Locomotive Firemen and Enginemen, No. 58.
<i>Street Railway Employees—</i>		
212	Oakland .....	Amalgamated Association of Street and Electric Railway Employees of America, No. 192.
213	Sacramento .....	Amalgamated Association of Street and Electric Railway Employees of America, No. 256.
214	San Francisco ...	Amalgamated Association of Street and Electric Railway Employees of America, No. 518.
<i>Trainmen, Road and Yard—</i>		
215	Bakersfield .....	Brotherhood of Railroad Trainmen, No. 73.....
216	Fresno .....	Brotherhood of Railroad Trainmen, No. 420.....
217	Los Angeles .....	Brotherhood of Railroad Trainmen, No. 808.....
218	Needles .....	Brotherhood of Railroad Trainmen, No. 430.....
219	San Francisco ...	Brotherhood of Railroad Trainmen, No. 198.....
220	San Francisco ...	Brotherhood of Railroad Trainmen, No. 846.....
221	Tracy .....	Brotherhood of Railroad Trainmen, No. 849.....

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Engineers -----	Male	\$	\$	\$	\$	205
Engineers -----	Male	\$	\$	\$	\$	206
Engineers -----	Male	\$	\$	\$	\$	207
Engineers -----	Male	\$	\$	\$	\$	208
Engineers -----	Male	Month	\$175 00	\$	\$	209
Firemen -----	Male	Month	125 00	\$	\$	
Engineers -----	Male	\$	\$	\$	\$	210
Firemen -----	Male	\$	\$	\$	\$	
Firemen -----	Male	\$	\$	\$	\$	211
Motormen and conductors----	Male	Hour	30-42	10	60	212
Motormen and conductors----	Male	Hour	29-32	9-10	65-70	213
Motormen and conductors----	Male	No scale of hours or wages.				214
Trainmen -----	Male	Month	110 00 av.	10	70	215
Brakemen, freight -----	Male	Month	104 60 av.	†	†	216
Brakemen, passenger -----	Male	Month	99 50 av.	†	†	
Conductors, freight -----	Male	Month	131 90 av.	†	†	
Conductors, passenger -----	Male	Month	146 30-165 00	†	†	
Switchmen -----	Male	Hour	37-39	10	70	217
Yardforemen -----	Male	Hour	40-42	10	70	
Yardmasters -----	Male	Month	140 00-170 00	10	70	
Brakemen -----	Male	100 mi.	3 70	not over 16		218
Conductors -----	Male	100 mi.	4 86	not over 16		
Switchmen -----	Male	Hour	37-42	not over 16		
Yardmasters -----	Male	Month	150 00	not over 16		
Switchmen -----	Male	Hour	37-39	10	70	219
Yardforemen -----	Male	Hour	40-42	10	70	
Yardmasters -----	Male	Month	140 00-145 00	10	70	
Brakemen, freight -----	Male	Month	92 45	No scale		220
Brakemen, passenger -----	Male	Month	104 00	No scale		
Baggagemen -----	Male	Month	106 75	No scale		
Brakemen, freight -----	Male	Month	104 05	not over 16		221
Brakemen, passenger -----	Male	Month	92 95	not over 16		
Conductors -----	Male	Month	131 90-165 00	not over 16		
Yardforemen -----	Male	Hour	37-39	not over 16		
Switchmen -----	Male	Hour	34-36	not over 16		

†In railroad train service wages are usually paid by the mile or trip and working time is either not specified at all or is fixed only to the extent of a stipulation that a certain number of miles or trips shall be regarded as a "day's work." The word "day" in connection with these trades, therefore, is used only in a technical sense, being equivalent to the number of miles or trips ordinarily made in a calendar day or stipulated as a "day's" work by agreement.

†Hours irregular.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>II. Transportation—Continued.</b>		
<b>(b) NAVIGATION.</b>		
		<i>Cooks and Stewards, Marine—</i>
222	San Francisco ---	International Seamen's Union of America.....
		<i>Engineers, Marine—</i>
223	San Francisco ---	Marine Engineers' Beneficial Association, No. 35.....
224	San Francisco ---	International Union of Steam Engineers, No. 471.....
		<i>Firemen, Oilers and Watertenders, Marine—</i>
225	San Francisco ---	International Seamen's Union of America.....
		<i>Masters, Mates and Pilots—</i>
226	San Francisco ---	American Association of Masters, Mates and Pilots, No. 40.
227	San Francisco ---	California Harbor Masters, Mates and Pilots of Ocean Vessels.
		<i>Seamen—</i>
228	San Francisco ---	International Seamen's Union of America.....
229	San Francisco ---	Bay and River Steamboatmen's Union.....
<b>(c) TEAMING AND CAB DRIVING.</b>		
		<i>Building Material Drivers—</i>
230	Oakland -----	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 577.
231	Sacramento -----	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers.
232	San Francisco ---	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 216.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Cooks .....	Male	Month	\$75 00	9-12	†	222
Cooks, second .....	Male	Month	35 00-60 00	9-12	†	
Waiters .....	Male	Month	30 00	10 at sea 9 in port		
Engineers, chief .....	Male	Month	135 00-200 00	8-12	†	223
Engineers, assistant .....	Male	Month	70 00-135 00	8-12	†	
Engineers, gasoline .....	Male	Month	**90 00-110 00	**10	**70	224
Operators, gasoline .....	Male	Month	70 00-100 00	10	70	
Firemen, oilers, watertenders .....	Male	Month	55 00-65 00	9-12	†	225
Masters, bay and river .....	Male	Month	125 00-200 00	12	84	226
Mates, bay and river .....	Male	Month	95 00-115 00	12	84	
Pilots, bay and river .....	Male	Month	125 00	12	84	
Masters .....	Male	Month	100 00-200 00	**9-12	†	227
Mates .....	Male	Month	**70 00-135 00	**9-12	†	
Pilots .....	Male	Month	110 00-115 00	**9-12	†	
Seamen, coastwise steam .....	Male	Month	50 00-55 00	9	54	228
Seamen, coastwise sail .....	Male	Month	45 00-50 00	9	54	
Seamen, offshore steam .....	Male	Month	40 00-50 00	9	54	
Seamen, offshore sail .....	Male	Month	30 00-40 00	9	54	
Deckhands .....	Male	Month	**50 00-60 00	9-12	†	229
Deckboys .....	Male	Month	**50 00	†	†	
Firemen .....	Male	Month	**55 00	9-12	†	
Oilers .....	Male	Month	**55 00	9-12	†	
Lumber teamsters .....	Male	Day	3 25-5 00	9	54	230
Brick, rock, etc., teamsters .....	Male	Day	3 00-5 00	9	54	
Team owners .....	Male	Day	6 00-10 00	9	54	
Automobile drivers .....	Male	Day	4 00-4 50	9	54	
Helpers on machines .....	Male	Day	3 00-3 50	9	54	
Lumber handlers, teamsters .....	Male	Day	2 50-3 00	9	54	231
Chauffeurs .....	Male	Day	3 00-4 00	9	54	
Teamsters, one and two horse .....	Male	Day	3 00-3 50	10	60	232
Teamsters, four horse .....	Male	Day	3 50-4 00	10	60	
Teamsters, six horse .....	Male	Day	4 00-4 50	10	60	
Drivers, auto truck .....	Male	Day	4 00	10	60	
Team owners .....	Male	Day	6 00	10	60	

†Hours irregular.

\*\*November, 1912. Scale of wages and hours secured.

\*In 1913 wages increased from \$50.00—100.00 per month.

\*\*March 3, 1913. Scale of hours secured.

\*July, 1912. Wages increased from \$45.00—55.00 per month.

\*July, 1912. Wages increased from \$30.00 per month.

\*July, 1912. Wages increased from \$50.00 per month.

\*July, 1912. Wages increased from \$50.00 per month.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>II. Transportation—Continued.</b>		
<b>(c) TEAMING AND CAB DRIVING—Continued.</b>		
<i>Cabmen and Coach Drivers—</i>		
233	Los Angeles .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 208.
234	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 265.
235	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 238.
236	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 404.
<i>Delivery Wagon Drivers—</i>		
237	Sacramento .....	Bakery and Confectionery Workers' International Union of America.
238	San Francisco ...	Bakery and Confectionery Workers' International Union of America.
239	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 278.
<i>Ice Handlers—</i>		
240	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 519.
<i>Milk Wagon Drivers—</i>		
241	Oakland .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 298.
242	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 226.
<i>Team Drivers—</i>		
243	Oakland .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 70.
244	San Diego .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 195.
245	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 85.
246	San Rafael .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 694.
247	Santa Rosa .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 417.
<b>(d) FREIGHT HANDLING.</b>		
<i>Furniture Handlers—</i>		
248	San Francisco ...	Furniture Handlers' Union, No. 12993.....
<i>Longshoremen—</i>		
249	Crockett .....	International Longshoremen's Association, No. 38-39...
250	San Pedro .....	International Longshoremen's Association, No. 38-18...
<i>Riggers and Stevedores—</i>		
251	San Francisco ...	Riggers and Stevedores' Union, No. 38-33.....
<i>Transfer Messengers—</i>		
252	San Francisco ...	Baggage Messengers and Transferers' Union, No. 10167..

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Teamsters .....	Male	Day	\$2 50	12	72	233
Chauffeurs .....	Male	Day	3 50	12	84	234
Garage help .....	Male	Day	2 50-3 50	9	63	
Stablemen and hostlers.....	Male	Day	3 00	11	77	235
Stablemen and hostlers.....	Male	Week	21 00	12	84	236
Drivers .....	Male	Week	18 00	10 av.	62 av.	237
Drivers .....	Male	Week	21 00	10	62	238
Drivers, team .....	Male	Week	15 00-21 00	10	60	239
Drivers, automobile .....	Male	Day	3 50	10	60	
Ice handlers .....	Male	Month	95 00	10-11	60-66	240
Ice handlers, helpers.....	Male	Day	3 00	10-11	60-66	
Drivers .....	Male	Month	90 00	9	54	241
Drivers .....	Male	Month	75 00-100 00	9	54	242
Teamsters .....	Male	Day	3 00-3 50	11	66	243
Teamsters, helpers .....	Male	Day	3 00	10	60	
Teamsters, general .....	Male	Day	2 50	9	54	244
Teamsters, truck .....	Male	Day	2 75	9	54	
Chauffeurs .....	Male	Day	3 00	9	54	
Teamsters, one horse.....	Male	Day	2 00-3 00	10	60	245
Teamsters, two horse.....	Male	Day	2 50-3 50	10	60	
Teamsters, four horse.....	Male	Day	3 50-4 00	10	60	
Teamsters, six horse.....	Male	Day	4 00-4 50	10	60	
Teamsters .....	Male	Day	2 75-4 50	8-9	48-54	246
Teamsters .....	Male	Day	2 00-3 50	8-9	48-54	247
Furniture handlers .....	Male	Day	3 00	8	48	248
Longshoremen .....	Male	Hour	35	9	†	249
Longshoremen .....	Male	Hour	50	9	†	250
Stevedores and coal handlers.....	Male	Hour	50-55	†	†	251
Baggage messengers .....	Male	Week	20 00	12	†	252

†Hours irregular.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
III. Clothing and Textiles.		
(a) GARMENTS.		
<i>Cloak and Suit Makers—</i>		
253	San Francisco	International Ladies' Garment Workers' Union, No. 8.
<i>Shirt and Overall Workers—</i>		
254	Napa	United Garment Workers of America, No. 137.
255	Los Angeles	United Garment Workers of America.
256	San Francisco	United Garment Workers of America, No. 45.
257	San Francisco	United Garment Workers of America, No. 131.
<i>Tailors—</i>		
258	Los Angeles	Journeyman Tailors' Union of America, No. 81.
259	Oakland	Journeyman Tailors' Union of America, No. 266.
260	San Diego	Journeyman Tailors' Union of America, No. 277.
261	San Francisco	Journeyman Tailors' Union of America, No. 2.
262	San Francisco	Journeyman Tailors' Protective Union.
(b) LAUNDRY WORKERS.		
<i>Laundry Workers—</i>		
263	Bakersfield	Laundry Workers' International Union, No. 175.
264	Sacramento	Laundry Workers' International Union, No. 75.
265	San Francisco	Laundry Workers' International Union, No. 26.
266	San Jose	Laundry Workers' International Union, No. 33.
267	Stockton	Laundry Workers' International Union, No. 72.
(c) HATS AND CAPS.		
<i>Hat and Cap Workers—</i>		
268	Los Angeles	United Hatters of North America, No. 22.
269	San Francisco	United Hatters of North America, No. 23.
270	San Francisco	International Cloth Hat and Cap Makers of America, No. 9.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Makers -----	Male	Week	\$16-28 av.	8	48	253
Makers -----	Female	Week	16-20 av.	8	48	
Finishers -----	Female	Week	5-15 av.	8	48	
Cutters -----	Male	Week	*22 60	8½	**48	254
Garment workers -----	Female	Piece	7 50-11 00	8	**45½	
			Av. per wk.			
Cutters -----	Male	Week	24 00	8	48	255
Apprentices -----	Male	Week	12 60	8	48	
Operators -----	Female	Piece	Av. wk. 9 00	8	48	
Cutters -----	Male	Day	3 75	8½	48	256
Shirt and overall workers -----	Male	Piece	*	†	48	257
Tailors -----	Male	Piece	12 00-22 00	‡	‡	258
			Av. per wk.			
Tailors -----	Female	Piece	*	‡	‡	
Tailors -----	Male	Piece	*	No scale		259
Tailors -----	Male	Week	10 00-35 00	8-9	48-54	260
Tailors -----	Male	Piece	*	‡	‡	
Tailors -----	Female	Piece	*	8	48	
Tailors -----	Male	Week	18 00-25 00	8	48	261
Tailors -----	Female	Week	10 50-18 00	8	48	
Tailors -----	Male	Piece	22 00-24 00	No scale		262
			Av. per wk.			
Laundry workers -----	Male	Week	12 00-18 00	9	54	263
Laundry workers -----	Female	Week	8 00-15 00	8	48	
Machine hands -----	M. & F.	Week	10 00-15 00	8	46-48	264
Mangle hands -----	Female	Week	9 00-10 00	8	46-48	
Washers and wringers -----	Male	Week	15 00-23 00	8	46-48	
Markers and distributors -----	M. & F.	Week	15 00-23 00	8	46-48	
Washers -----	Male	Week	15 00-22 50	‡	48	265
Markers and distributors -----	Male	Week	18 00-22 50	‡	48	
Laundry workers -----	Female	Week	8 00-15 00	8	48	
Washers -----	Male	Week	15 00-22 50	8	48	266
Markers and distributors -----	M. & F.	Week	15 00-22 50	8	48	
Laundry workers -----	M. & F.	Week	8 00-13 50	8	48	
Washers -----	Male	Week	15 00-20 00	8	48	267
Markers and distributors -----	Male	Week	15 00-20 00	8	48	
Laundry workers -----	M. & F.	Day	1 50-2 00	8	48	
Finishers -----	Male	Piece	Av. wk. 20 00	9	50	268
Curlers and finishers -----	Male	Piece	Av. wk. 20 00	9	50	269
Operators -----	Male	Piece	Av. wk. 25 00	8	48	270
Operators -----	Female	Piece	Av. wk. 15 00	8	48	
Trimmers -----	Female	Piece	Av. wk. 13 50	8	48	

\*August, 1912. Wages increased from \$21.00 per week.

\*\*May, 1912. Hours reduced from 50½ per week.

\*\*May, 1913. Hours reduced from 50½ per week.

†Rates not reported.

‡Hours irregular.

†Hours not reported.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>III. Clothing and Textiles—Continued.</b>		
<b>(d) BOOTS, SHOES AND GLOVES.</b>		
<i>Boot and Shoe Workers—</i>		
271	Oakland .....	Boot and Shoe Workers' Union, No. 324.....
272	Santa Rosa .....	Boot and Shoe Workers' Union, No. 446.....
<i>Glove Workers—</i>		
273	San Francisco ...	International Glove Workers' Union of America, No. 39
<b>IV. Metals, Machinery and Shipbuilding.</b>		
<b>(a) IRON AND STEEL.</b>		
<i>Architectural Iron Workers—</i>		
274	San Francisco ...	International Association of Bridge and Structural Iron Workers, No. 78.
<i>Blacksmiths—</i>		
275	Oakland .....	International Brotherhood of Blacksmiths and Helpers, No. 100.
276	San Francisco ...	International Brotherhood of Blacksmiths and Helpers, No. 168.
277	San Francisco ...	International Brotherhood of Blacksmiths and Helpers, No. 316.
<i>Boilermakers—</i>		
278	Los Angeles .....	International Brotherhood of Boilermakers and Iron Ship Builders and Helpers of America, No. 92.
279	Richmond .....	International Brotherhood of Boilermakers and Iron Ship Builders and Helpers of America, No. 317.
280	San Francisco ...	International Brotherhood of Boilermakers and Iron Ship Builders and Helpers of America, No. 25.
281	San Francisco ...	International Brotherhood of Boilermakers and Iron Ship Builders and Helpers of America, No. 205.
282	San Francisco ...	International Brotherhood of Boilermakers and Iron Ship Builders and Helpers of America, No. 410.
283	Vallejo .....	International Brotherhood of Boilermakers and Iron Ship Builders and Helpers of America, No. 148.
<i>Foundry Workers—</i>		
284	San Francisco ...	International Brotherhood of Foundry Employees, No. 8.
<i>Horseshoers—</i>		
285	Los Angeles .....	International Union of Journeymen Horseshoers of the United States and Canada, No. 124.
286	Sacramento .....	International Union of Journeymen Horseshoers of the United States and Canada, No. 47.
287	San Francisco ...	International Union of Journeymen Horseshoers of the United States and Canada, No. 25.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Shoe repairers .....	Male	Day	\$2 50-3 50	9	54	271
Boot and shoe workers.....	Male	Week	14 00-21 00	9	54	272
Fitting room .....	Female	Week	14 00	8	48	
Glove cutters .....	Male	Piece	Av. wk. 15 00	9	49½	273
Glove workers .....	Female	Piece	Av. wk. 12 00	8	44	
Outside men .....	Male	Hour	62½	8	44	274
Shopmen .....	Male	Hour	44½	9	54	
Shopmen, helpers .....	Male	Hour	33½	9	54	
Blacksmiths .....	Male	Day	4 00	8	48	275
Blacksmiths, helpers .....	Male	Day	3 00	8	48	
Blacksmiths .....	Male	Day	4 00	8	48	276
Blacksmiths, helpers .....	Male	Day	3 00-3 50	8	48	277
Boilermakers .....	Male	Hour	45½	8-9	56-63	278
Boilermakers, helpers .....	Male	Hour	27½	8-9	56-63	
Boiler and tank workers.....	Male	Week	18 00-24 00	8	48	279
Boilermakers .....	Male	Day	4 00	8	48	280
Iron ship builders.....	Male	Day	5 00	8	48	
Iron ship builders.....	Male	Day	3 60	8	48	281
Helpers .....	Male	Day	2 80	8	48	
Shipfitters .....	Male	Day	4 00	8	48	282
Chippers, caulkers and riveters	Male	Piece	Av. day 6 00	8	48	283
Boilermakers .....	Male	Day	4 24	8	48	
Shipfitters .....	Male	Day	4 24	8	48	
Casting chippers .....	Male	Day	3 00	8	48	284
Cupolamen .....	Male	Day	3 50	8	48	
Flaskmakers .....	Male	Day	3 50	8	48	
Laborers .....	Male	Day	2 25	9	54	
Molders, helpers .....	Male	Day	2 50	8-9	48-54	
Horseshoers .....	Male	Day	703 50	9	50½	285
Horseshoers .....	Male	Day	4 50	9	53	286
Horseshoers .....	Male	Day	5 00	9	53	287

\*June, 1912. Wages increased from \$3.00 per day.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>IV. Metals, Machinery and Shipbuilding—Continued.</b>		
<b>(a) IRON AND STEEL—Continued.</b>		
<i>Machinists—</i>		
288	Los Angeles	International Association of Machinists, No. 311.....
289	Oakland	International Association of Machinists, No. 284.....
290	San Diego	International Association of Machinists, No. 389.....
291	San Francisco	International Association of Machinists, No. 6.....
292	San Francisco	International Association of Machinists, No. 68.....
293	San Francisco	International Association of Machinists, No. 715.....
294	San Jose	International Association of Machinists, No. 504.....
295	Tiburon	International Association of Machinists, No. 238.....
296	Vallejo	International Association of Machinists, No. 252.....
<i>Molders and Coremakers—</i>		
297	Los Angeles	International Molders' Union of North America, No. 374.....
298	San Francisco	International Molders' Union of North America, No. 164.....
299	San Francisco	Molders' Auxiliary, No. 1.....
<i>Patternmakers—</i>		
300	Los Angeles	Patternmakers' League of North America.....
301	San Francisco	Patternmakers' League of North America.....
<i>Sheet Metal Workers—</i>		
302	Sacramento	Amalgamated Sheet Metal Workers' International Alliance, No. 348.....
303	San Francisco	Amalgamated Sheet Metal Workers' International Alliance, No. 342.....
304	South San Francisco.	Amalgamated Association of Iron, Steel and Tin Workers of North America, No. 5.....
<b>(b) METALS OTHER THAN IRON AND STEEL.</b>		
<i>Coppersmiths—</i>		
305	San Francisco	Amalgamated Sheet Metal Workers' International Alliance, No. 95.....
<i>Metal Polishers, Buffers and Platers—</i>		
306	Los Angeles	Metal Polishers, Buffers, Platers, Brass Molders and Brass and Silver Workers' Union of America, No. 67.....
307	San Francisco	Metal Polishers, Buffers, Platers, Brass Molders and Brass and Silver Workers' Union of America, No. 128.....
308	San Francisco	Metal Polishers, Buffers, Platers, Brass Molders and Brass and Silver Workers' Union of America, No. 158.....
<b>(c) SHIPBUILDING.</b>		
<i>Sailmakers—</i>		
309	San Francisco	Sailmakers' Union, No. 11775.....
<i>Shipdrillers—</i>		
310	San Francisco	Shipdrillers' Union, No. 9037.....
<i>Shipwrights, Joiners and Calkers—</i>		
311	San Francisco	United Brotherhood of Carpenters and Joiners of America, No. 759.....
312	San Francisco	United Brotherhood of Carpenters and Joiners of America, No. 554.....

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Machinists .....	Male	Hour	\$0 35-55	8-9	48-54	288
Tool and die makers .....	Male	Hour	45-50	8-9	48-54	
Machinists .....	Male	Hour	43 $\frac{1}{2}$	8	48	289
Machinists .....	Male	Hour	37 $\frac{1}{2}$	9	54	290
Machinists, apprentices .....	Male	*	*	8	48	291
Machinists .....	Male	Day	3 50-4 00	8	48	292
Machinists .....	Male	Day	$\frac{1}{2}$ 3 25	8	48	293
Machinists .....	Male	Day	$\frac{1}{2}$ 3 75	8	48	294
Machinists .....	Male	Hour	43	9	54	295
Machinists .....	Male	Day	3 24-4 24	8	48	296
Molders .....	Male	Hour	37 $\frac{1}{2}$	9	54	297
Molders and coremakers .....	Male	Day	4 00	8	48	298
Molders, apprentices .....	Male	Day	1 00 Min.	8	48	299
Patternmakers .....	Male	Hour	50-53	8	48	300
Patternmakers .....	Male	Day	5 00	8	48	301
Coppersmiths .....	Male	Hour	40	9	54	302
Pipe fitters .....	Male	Hour	40	9	54	
Sheet metal workers .....	Male	Hour	40	9	54	
Coppersmiths and tanners .....	Male	Hour	40	9	53	303
Laborers .....	Male	Hour	25-27 $\frac{1}{2}$	9	53	
Pipe fitters .....	Male	Hour	37 $\frac{1}{2}$	9	53	
Steel workers .....	Male	Piece	*	10	57 $\frac{1}{2}$	304
Coppersmiths .....	Male	Day	4 50	8	44	305
Brass workers .....	Male	Day	2 50-4 00	8-9	48-54	306
Platers .....	Male	Day	3 00-4 00	8-9	48-54	
Polishers .....	Male	Day	2 50-3 50	8-9	48-54	
Platers .....	Male	Day	3 50	9	54	307
Polishers .....	Male	Day	3 50	9	54	
Brass finishers .....	Male	Day	3 50-4 00	8	48	308
Chandler workers .....	Male	Day	3 50-4 00	9	54	
Sailmakers .....	Male	Hour	62 $\frac{1}{2}$	8	48	309
Shipdrillers .....	Male	Day	2 75	8	48	310
Shipwrights .....	Male	Day	5 00	8	48	311
Calkers .....	Male	Day	5 00	8	48	312

<sup>1</sup>Wages increased from \$3.00 per day since January 1, 1912.

<sup>2</sup>May 1, 1913. Wages increased from \$3.50 per day.

\*Rates not reported.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>V. Printing, Binding, etc.</b>		
<i>Bookbinders—</i>		
313	Los Angeles .....	International Brotherhood of Bookbinders, No. 63.....
314	Sacramento .....	International Brotherhood of Bookbinders, No. 35.....
315	San Francisco.....	International Brotherhood of Bookbinders, No. 125.....
<i>Compositors—</i>		
316	Bakersfield .....	International Typographical Union, No. 439.....
317	El Centro .....	International Typographical Union, No. 707.....
318	Eureka .....	International Typographical Union, No. 207.....
319	Fresno .....	International Typographical Union, No. 144.....
320	Long Beach.....	International Typographical Union, No. 650.....
321	Los Angeles .....	International Typographical Union, No. 174.....
322	Marysville .....	International Typographical Union, No. 223.....
323	Oakland .....	International Typographical Union, No. 36.....
324	Palo Alto .....	International Typographical Union, No. 521.....
325	Pasadena .....	International Typographical Union, No. 583.....
326	Richmond and Martinez .....	International Typographical Union, No. 597.....

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Bookbinders -----	Male	Week	\$19 50	8	48	313
Bookbinders -----	Female	Week	9 00	8	48	
Bookbinders -----	Male	Day	4 00	8	48	314
Forewomen -----	Female	Week	<sup>7</sup> 15 00-16 50	8	48	315
Journeywomen -----	Female	Week	<sup>14</sup> 9 00-12 00	8	48	
Journeywomen, apprentices --	Female	Week	<sup>7</sup> 5 00-8 00	8	48	
Day work—						316
(a) Foremen -----	Male	Week	<sup>14</sup> 30 00	8	45	
(b) Journeymen, newspapers	Male	Week	<sup>14</sup> 27 00	8	48	
(c) Journeymen, job -----	Male	Week	<sup>14</sup> 24 00	8	48	
Night work—						
(a) Foremen -----	Male	Week	<sup>7</sup> 31 50	8	48	
(b) Journeymen, newspapers	Male	Week	<sup>14</sup> 28 50	8	48	
(c) Journeymen, job -----	Male	Week	<sup>14</sup> 28 50	8	48	
Day work—						317
(a) Floor work -----	Male	Week	21 00	8	48	
(b) Machine work -----	Male	Week	25 00	8	48	
Night work—						
(a) Floor work -----	Male	Week	25 00	7½	45	
(b) Machine work -----	Male	Week	30 00	7½	45	
Day—compositors -----	Male	Week	18 00	8	48	318
Night—compositors -----	Male	Week	21 00	8	48	
Day—journeymen -----	M. & F.	Day	4 50	7½-8	45-48	319
Night—journeymen -----	M. & F.	Day	5 00	7½-8	45-48	
Compositors -----	Male	Week	21 00-24 00	8	48	320
Job work -----	M. & F.	Week	<sup>14</sup> 24 00	8	48	321
Journeymen, newspapers—						
(a) Day work -----	M. & F.	Week	<sup>14</sup> 29 00	8	48	
(b) Night work -----	M. & F.	Week	<sup>14</sup> 32 00	8	48	
Journeymen -----	Male	*	*	8	48	322
Journeymen, newspapers -----	M. & F.	Day	4 83⅓-5 83⅓	7½	45	323
Journeymen, job -----	M. & F.	Day	4 50	8	48	
Compositors -----	Male	Week	18 00	8	48	324
Day work—						325
(a) Foremen, newspapers -----	Male	Day	5 16⅔	8	48	
(b) Foremen, job -----	Male	Week	24 00	8	48	
(c) Journeymen, newspapers	Male	Day	4 16⅔	8	48	
(d) Journeymen, job -----	Male	Day	3 50	8	48	
Night work—						
(a) Foremen, newspapers -----	Male	Day	5 66⅔	8	48	
(b) Foremen, job -----	Male	Week	24 00	8	48	
(c) Journeymen, newspapers	Male	Day	4 66⅔	8	48	
(d) Journeymen, job -----	Male	Day	4 00	8	48	
Journeymen -----	Male	Week	19 00-24 00	8	48	326
Job men -----	Male	Day	4 00	8	48	

\*Rates not reported.

<sup>14</sup>Wages increased from \$14.00—16.00 per week since January 1, 1912.<sup>14</sup>Wages increased from \$8.00—10.00 per week since January 1, 1912.<sup>14</sup>Wages increased from \$4.00—7.00 per week since January 1, 1912.<sup>14</sup>June 1, 1912. General increase in wages.<sup>14</sup>July 1, 1913. Wages increased from \$22.50 per week.<sup>14</sup>July 1, 1913. Wages increased from \$28.00 per week.<sup>14</sup>July 1, 1913. Wages increased from \$31.00 per week.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
V. Printing, Binding, etc.—Continued.		
<i>Compositors</i> —Continued.		
327	Sacramento .....	International Typographical Union, No. 46.....
328	San Bernardino .....	International Typographical Union, No. 84.....
329	San Diego .....	International Typographical Union, No. 221.....
330	San Francisco....	International Typographical Union, No. 21.....
331	San Jose .....	International Typographical Union, No. 231.....
332	San Mateo .....	International Typographical Union, No. 624.....
333	Santa Rosa .....	International Typographical Union, No. 577.....
334	Los Angeles .....	<i>Electrotypers and Stereotypers</i> — International Stereotypers and Electrotypers' Union of North America, No. 58.
335	San Francisco....	International Stereotypers and Electrotypers' Union of North America, No. 29.
336	San Jose .....	International Stereotypers and Electrotypers' Union of North America, No. 120.
337	Los Angeles ....	<i>Lithographers</i> — Lithographers' International Protective and Benefi- cial Association of United States and Canada, No. 22.
338	Los Angeles .....	<i>Mailers</i> — International Typographical Union, No. 9.....
339	San Francisco....	International Typographical Union, No. 18.....

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Journeyman, newspapers—						
(a) Day -----	Male	Day	<sup>80</sup> \$4 75	8	48	327
(b) Night -----	Male	Day	<sup>81</sup> \$5 25	8	48	
Job foremen -----	Male	Week	24 00	8	48	328
Job men -----	Male	Week	20 00	8	48	
Newspaper work—						
(a) Day -----	Male	Week	21 00-24 00	8	48	
(b) Night -----	Male	Week	24 00-27 00	8	48	
Job men -----	Male	Day	4 00	8	48	329
Journeyman, newspapers—						
(a) Day -----	Male	Day	4 83 $\frac{1}{3}$	7 $\frac{1}{2}$	45	
(b) Night -----	Male	Day	5 33 $\frac{1}{3}$	7 $\frac{1}{2}$	45	
Job men -----	M. & F.	Day	4 00	8	48	330
Journeyman, newspapers—						
(a) Day -----	M. & F.	Day	4 83 $\frac{1}{3}$	7 $\frac{1}{2}$	45	
(b) Night -----	M. & F.	Day	5 33 $\frac{1}{3}$	7 $\frac{1}{2}$	45	
Job men -----	Male	Day	3 75	8	48	331
Journeyman, newspapers—						
(a) Day -----	Male	Day	4 25	7 $\frac{1}{2}$	45	
(b) Night -----	Male	Day	4 75	7 $\frac{1}{2}$	45	
Foremen -----	Male	Week	20 00	8	48	332
Journeyman -----	M. & F.	Week	18 00	8	48	
Job men -----	Male	Day	3 00	8	48	333
Journeyman, newspapers—						
(a) Day -----	Male	Day	3 50-4 50	8	48	
(b) Night -----	Male	Day	3 50-4 00	8	48	
Stereotypers -----	Male	Day	<sup>82</sup> \$4 50	8	48	334
Foremen -----	Male	Day	<sup>86</sup> \$6 33 $\frac{1}{3}$	7-8	42-48	335
Electrotypers -----	Male	Day	<sup>85</sup> \$5 00	8	48	
Stereotypers -----	Male	Day	<sup>85</sup> \$5 00	7	42	
Apprentices -----	Male	Day	<sup>82</sup> \$2 50-4 00	7-8	42-48	
Foremen -----	Male	Day	5 50	8	48	336
Journeyman -----	Male	Day	4 50	8	48	
Apprentices -----	Male	Day	2 00-3 50	8	48	
Lithographers -----	Male	Week	24 00	8	48	337
Mailers -----	Male	*	*	8	48	338
Mailers -----	Male	Day	<sup>84</sup> \$4 00	8	48	339

\*Rates not reported.

<sup>80</sup>January 3, 1913. Wages increased from \$4.25 per day.<sup>81</sup>January 3, 1913. Wages increased from \$4.75 per day.<sup>82</sup>March 1, 1913. Wages increased from \$4.00 per day.<sup>83</sup>General increase since January 1, 1912.<sup>84</sup>September 1, 1912. Wages increased from \$3.40 per day.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>V. Printing, Binding, etc.—Continued.</b>		
<i>Photo-Engravers—</i>		
340	Los Angeles ----	International Photo Engravers' Union of North America, No. 32.
341	San Francisco---	International Photo Engravers' Union of North America, No. 8.
<i>Pressmen—</i>		
342	Fresno -----	International Printing Pressmen and Assistants' Union of North America, No. 159.
343	Los Angeles ----	International Printing Pressmen and Assistants' Union of North America, No. 18.
344	Los Angeles ----	International Printing Pressmen and Assistants' Union of North America, No. 37.
345	Los Angeles ----	International Printing Pressmen and Assistants' Union of North America, No. 78.
346	San Diego -----	International Printing Pressmen and Assistants' Union of North America, No. 140.
347	San Francisco---	International Printing Pressmen and Assistants' Union of North America, No. 4.
348	San Francisco---	International Printing Pressmen and Assistants' Union of North America, No. 24.
349	San Francisco---	International Printing Pressmen and Assistants' Union of North America, No. 33.
350	San Jose -----	International Printing Pressmen and Assistants' Union of North America, No. 146.
351	Stockton -----	International Printing Pressmen and Assistants' Union of North America, No. 132.
<b>VI. Woodworking and Furniture.</b>		
<i>Bozmakers and Sawyers—</i>		
352	Oakland -----	United Brotherhood of Carpenters and Joiners of America, No. 1187.
<i>Broommakers—</i>		
353	San Francisco---	International Broom and Whisk Makers' Union, No. 58

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Photo-engravers -----	Male	Day	\$4 00	8	48	340
Photo-engravers, day -----	Male	Week	24 00-27 00	8	48	341
Photo-engravers, night -----	Male	Week	29 00	8	48	
Foremen -----	Male	Day	<sup>**5</sup> 75	7½-8	45-48	342
Pressmen -----	Male	Day	<sup>**4</sup> 50-4 75	7½-8	45-48	
Pressmen, apprentices -----	Male	Day	<sup>**2</sup> 25-2 50	7½-8	45-48	
Foremen -----	Male	Week	<sup>**37</sup> 00-42 00	7-8	43-48	343
Pressmen, web -----	Male	Day	<sup>**4</sup> 33½	7-8	43-48	
Press feeders -----	Male	Week	12 00-13 50	8	48	344
Press feeders, cylinder -----	Male	Week	15 00	8	48	
Foremen -----	Male	Week	<sup>**26</sup> 50	8	48	345
Pressmen -----	Male	Week	<sup>**19</sup> 50-25 00	8	48	
Pressmen -----	Male	Week	<sup>**18</sup> 00	8	48	346
Pressmen, cylinder -----	Male	Week	<sup>**21</sup> 00	8	48	
Pressmen, web -----	Male	Week	<sup>**24</sup> 00	8	48	
Press feeders -----	Male	Week	<sup>**11</sup> 00	8	48	
Press feeders, cylinder -----	Male	Week	<sup>**14</sup> 00	8	48	
Pressmen, web -----	Male	Day	5 16	8	48	347
Pressmen, web, apprentices -----	Male	Day	2 50	8	48	
Pressmen, web, helpers -----	Male	Day	3 95-4 55	8	48	348
Pressmen -----	Male	Day	4 00-5 00	8	48	
Pressmen, assistants -----	Male	Week	<sup>**16</sup> 00	8	48	349
Pressmen, cylinder, assist's -----	Male	Week	<sup>**19</sup> 00	8	48	
Pressmen -----	Male	Week	21 00-24 00	8	48	350
Pressmen, apprentices -----	Male	Week	10 00-18 00	8	48	
Pressmen, web -----	Male	Week	24 00-30 00	7½	44	
Pressmen, web, apprentices -----	Male	Week	10 50-17 50	7½	44	
Pressmen -----	Male	*	*	7-8	42-48	351
Boxmakers -----	Male	Day	2 75	9	54	352
Sawyers -----	Male	Day	3 50	9	54	
Makers and sewers -----	Male	Piece	18 00-20 00	9	52	353
			Av. per wk.			

<sup>\*\*</sup>September 1, 1913. Wages increased from \$5.00 per day.<sup>\*\*</sup>September 1, 1913. Wages increased from \$4.00 per day.<sup>\*\*</sup>September 1, 1913. Wages increased from \$2.00 per day.<sup>\*\*</sup>November 1, 1913. Wages increased from \$36.00-41.00 per week.<sup>\*\*</sup>November 1, 1913. Wages increased from \$4.16 2-3 per day.<sup>\*\*</sup>January 1, 1913. General increase of \$1.50 per day.<sup>\*\*</sup>January 1, 1913. Wages increased from \$16.50 per week.<sup>\*\*</sup>January 1, 1913. Wages increased from \$18.00 per week.<sup>\*\*</sup>March 1, 1913. Wages increased from \$21.00 per week.<sup>\*\*</sup>January 1, 1913. Wages increased from \$10.00 per week.<sup>\*\*</sup>January 1, 1913. Wages increased from \$12.00 per week.<sup>\*\*</sup>June 23, 1913. Wages increased from \$13.50 per week.<sup>\*\*</sup>June 23, 1913. Wages increased from \$16.50 per week.

\*Rates not reported.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>VI. Woodworking and Furniture—Continued.</b>		
		<i>Carpet and Shade Workers—</i>
354	Sacramento -----	Carpet and Shade Workers' International Association, No. 7.
355	San Francisco---	Carpet and Shade Workers' International Association, No. 1.
356	San Francisco---	Window Shade Workers' Union-----
		<i>Carriage and Wagon Workers—</i>
357	San Francisco---	Carriage, Wagon and Automobile Workers' International Union, No. 6.
		<i>Coopers—</i>
358	Los Angeles ----	Coopers' International Union of North America, No. 152.
359	San Francisco---	Coopers' International Union of North America, No. 65.
		<i>Mill Workers—</i>
360	Los Angeles ----	United Brotherhood of Carpenters and Joiners of America, No. 884.
361	Sacramento -----	United Brotherhood of Carpenters and Joiners of America, No. 1618.
362	San Francisco---	United Brotherhood of Carpenters and Joiners of America, No. 422.
363	San Francisco---	United Brotherhood of Carpenters and Joiners of America, No. 423.
364	San Jose -----	United Brotherhood of Carpenters and Joiners of America, No. 262.
		<i>Upholsterers—</i>
365	San Francisco---	Upholsterers' International Union of North America, No. 28.
366	Stockton -----	Upholsterers' International and Carpet and Shade-workers' International Association, No. 62-12.
		<i>Wood Carvers—</i>
367	San Francisco---	Wood Carvers' Union -----
<b>VII. Food and Liquors.</b>		
<b>(a) FOOD PRODUCTS.</b>		
		<i>Bakers and Confectioners—</i>
367½	Bakersfield -----	Bakery and Confectionery Workers' International Union of America, No. 146.
368	Fresno -----	Bakery and Confectionery Workers' International Union of America, No. 43.
369	Los Angeles ----	Bakery and Confectionery Workers' International Union of America, No. 37.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Carpet and shade workers.....	Male	Week	\$24 00	9	54	354
Carpet layers .....	Male	Day	5 00	9	54	355
Shade workers .....	Male	Day	4 00	8	48	356
Blacksmiths .....	Male	Day	4 00	8	48	357
Blacksmiths, helpers .....	Male	Day	3 00	8	48	
Painters .....	Male	Day	3 00-4 00	8	48	
Woodworkers .....	Male	Day	4 00	8	48	
Coopers, beer barrels.....	Male	Week	24 00	8	48	358
Coopers, wine & whisky bbls..	Male	Week	21 00	8	48	
Coopers, slack barrels.....	Male	Piece	av. wk. 30 00	8	48	
Coopers .....	Male	Day	4 00	9	54	359
Stickermen .....	Male	Hour	40	9	54	360
Bench hands .....	Male	Hour	30	9	54	
Mill hands .....	Male	Hour	22-25	9	54	
Sash and door makers.....	Male	Day	3 50	8	48	361
Machine and bench hands.....	Male	Day	4 00	8	48	
Cabinet makers .....	Male	Day	4 50	8	48	362
Mill hands .....	Male	Day	3 25-5 00	8	48	363
Mill hands .....	Male	Day	3 25-5 00	8	48	364
Upholsterers .....	Male	Day	4 50	8	48	365
Mattress workers .....	Male	Day	4 00	8	44	
Carpet workers .....	Male	Day	4 50	9	54	366
Upholsterers .....	Male	Day	4 00	9	54	
Wood carvers .....	Male	Day	**4 50-5 50	8	48	367
Foremen .....	Male	Week	27 00	9	55	367½
Bench hands, oven men, etc....	Male	Week	21 00-23 00	9	55	
Helpers .....	Male	Week	16 00	9	55	
Foremen .....	Male	Week	25 00	9	54	368
Bench hands .....	Male	Week	21 00	9	54	
Foremen .....	Male	Week	24 00	9	54	369
Bench hands, oven men, etc....	Male	Week	18 00-21 00	9	54	
Helpers .....	Male	Week	12 00	9	54	

\*\*Wages increased from \$4.00—5.00 per day since January 1, 1912.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>VII. Food and Liquors—Continued.</b>		
<b>(a) FOOD PRODUCTS—Continued.</b>		
<i>Bakers and Confectioners—Continued.</i>		
370	Sacramento -----	Bakery and Confectionery Workers' International Union of America, No. 37.
371	San Diego -----	Bakery and Confectionery Workers' International Union of America, No. 90.
372	San Francisco ---	Bakery and Confectionery Workers' International Union of America, No. 24.
373	San Francisco ---	Bakery and Confectionery Workers' International Union of America, No. 125.
374	San Francisco ---	Bakery and Confectionery Workers' International Union of America, No. 125 (Annex).
<i>Butchers and Meat Cutters—</i>		
375	Sacramento -----	Amalgamated Meat Outters and Butcher Workmen of North America, No. 498.
376	San Francisco ---	Amalgamated Meat Outters and Butcher Workmen of North America, No. 115.
<b>(b) BEVERAGES.</b>		
<i>Brewery Employees (Beer Drivers and Bottlers)—</i>		
377	Eureka -----	International Union of United Brewery Workmen of America, No. 7 (Branch 7).
378	Los Angeles -----	International Union of United Brewery Workmen of America, No. 227 (Branch 6).
379	San Francisco ---	International Union of United Brewery Workmen of America, No. 293.
380	San Francisco ---	International Union of United Brewery Workmen of America, No. 227.
<i>Brewery Employees (Brewers and Malsters)—</i>		
381	San Francisco ---	International Union of United Brewery Workers of America, No. 7.
<i>Soda and Mineral Water Bottlers—</i>		
382	San Francisco ---	Soda and Mineral Water Bottlers, No. 10333.-----
<b>VIII. Theaters and Music.</b>		
<i>Actors and Chorus Singers—</i>		
383	San Francisco ---	White Rats Actors' Union of America.-----
<i>Bill Posters—</i>		
384	Los Angeles -----	International Alliance of Bill Posters and Billers of United States and Canada, No. 32.
385	San Francisco ---	International Alliance of Bill Posters and Billers of America, No. 44.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Foremen -----	Male	Week	\$27 00	9	56	370
Bench hands -----	Male	Week	22 00	9	56	
Helpers -----	Male	Week	15 00-18 00	9	56	
Foremen -----	Male	Week	22 00-25 00	10	56	371
Bench hands, oven men, etc. ....	Male	Week	18 00-22 00	10	56	
Foremen -----	Male	Week	25 00	8-9	48-54	372
Bench hands -----	Male	Week	20 00	8-9	48-54	
Helpers -----	Male	Week	12 00	8-9	48-54	
Cracker bakers -----	Male	Day	3 25	9	53	373
Cracker packers -----	Female	Day	1 50	8	48	
Foreladies -----	Female	Week	12 00	8	48	374
Icing workers -----	Female	Week	9 00	8	48	
Cracker and cake packers. ....	Female	Week	7 50-11 00	8	48	
Meat cutters -----	Male	Week	21 00	10	61	375
Sausage makers -----	Male	Week	21 00	10	61	
Meat cutters -----	Male	Week	20 00	10	61	376
Sausage makers -----	Male	Week	20 00	9	54	
Apprentices -----	Male	Week	14 00	10	61	
Beer drivers -----	Male	Week	21 00	10	60	377
Bottlers -----	Male	Week	18 00	8	48	
Brewers -----	Male	Week	24 00	8	48	
Beer drivers, bottle -----	Male	Week	20 00-23 00	9	54	378
Beer drivers, keg -----	Male	Week	23 00-26 00	9	54	
Stablemen -----	Male	Week	18 50-20 00	9	54	
Bottlers, labelers, etc. ....	Male	Week	20 25	8	48	379
Bottle washers, floormen, etc. ....	Male	Week	18 75	8	48	
Beer drivers, bottle -----	Male	Week	<sup>99</sup> 23 00	10	60	380
Beer drivers, keg -----	Male	Week	<sup>100</sup> 24 00-28 00	10	60	
Stablemen -----	Male	Week	<sup>101</sup> 24 00	11	66	
Brewers and Maltsters. ....	Male	Day	<sup>102</sup> 4 25	8	48	381
Bottlers and mixers. ....	Male	Day	3 50	9	54	382
Bottle washers -----	Male	Day	2 50	9	54	
Theatrical performers -----	M. & F.	*	*	†	†	383
Bill posters and billers. ....	Male	Day	3 00	8	48	384
Bill posters -----	Male	Day	<sup>103</sup> 3 50	8	48	385

\*Rates not reported.

†Hours not reported.

<sup>99</sup>May, 1913. Wages increased from \$21.00 per week.<sup>100</sup>May, 1913. Wages increased from \$23.00-27.00 per week.<sup>101</sup>May, 1913. Wages increased from \$23.00 per week.<sup>102</sup>May 15, 1913. Wages increased from \$4.00 per day.<sup>103</sup>January 1, 1914. Wages increased from \$3.00 per day.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>VIII. Theaters and Music—Continued.</b>		
<i>Moving Picture and Projecting Machine Operators—</i>		
386	Los Angeles -----	International Alliance of Theatrical Stage Employees, No. 150.
387	Sacramento -----	International Alliance of Theatrical Stage Employees, No. 252.
388	San Francisco ---	International Alliance of Theatrical Stage Employees, No. 162.
388½	Stockton -----	International Alliance of Theatrical Stage Employees, No. 3 Auxiliary.
<i>Musicians—</i>		
389	Fresno -----	American Federation of Musicians, No. 210.
390	Los Angeles -----	American Federation of Musicians, No. 47.
391	Marysville -----	American Federation of Musicians, No. 158.
392	Petaluma -----	American Federation of Musicians, No. 439.
393	Redwood City -----	American Federation of Musicians, No. 570.
394	Sacramento -----	American Federation of Musicians, No. 12.
395	San Diego -----	American Federation of Musicians, No. 325.
396	San Jose -----	American Federation of Musicians, No. 153.
397	Santa Barbara -----	American Federation of Musicians, No. 308.
398	Santa Rosa -----	American Federation of Musicians, No. 292.
399	Vallejo -----	American Federation of Musicians, No. 367.
<i>Stage Mechanics—</i>		
400	Fresno -----	International Alliance of Theatrical Stage Employees, No. 158.
401	Los Angeles -----	International Alliance of Theatrical Stage Employees, No. 33.
402	Oakland -----	International Alliance of Theatrical Stage Employees, No. 107.
403	Sacramento -----	International Alliance of Theatrical Stage Employees, No. 50.
404	San Diego -----	International Alliance of Theatrical Stage Employees, No. 122.
405	San Francisco ---	International Alliance of Theatrical Stage Employees, No. 16.
406	Stockton -----	International Alliance of Theatrical Stage Employees, No. 90.
<b>IX. Tobacco.</b>		
<i>Cigar Makers—</i>		
407	Bakersfield -----	Cigar Makers' International Union of America, No. 469.
408	Eureka -----	Cigar Makers' International Union of America, No. 338.
409	Los Angeles -----	Cigar Makers' International Union of America, No. 225.
410	Oakland -----	Cigar Makers' International Union of America, No. 253.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Operators -----	Male	Week	\$21 00	8	56	386
Operators, single shift. ....	Male	Week	30 00	8	56	387
Operators, double shift. ....	Male	Week	25 00	6½	45	
Operators -----	Male	Week	27 85	8	1048	388
Operators -----	Male	Week	25 00	8	56	388½
Musicians -----	†	\$	\$	\$	\$	389
Musicians -----	Male	\$	\$	\$	\$	390
Musicians -----	M. & F.	\$	\$	\$	\$	391
Musicians -----	M. & F.	\$	\$	\$	\$	392
Musicians -----	†	\$	\$	\$	\$	393
Musicians -----	†	\$	\$	\$	\$	394
Musicians -----	M. & F.	\$	\$	\$	\$	395
Musicians -----	†	\$	\$	\$	\$	396
Musicians -----	M. & F.	\$	\$	\$	\$	397
Musicians -----	†	\$	\$	\$	\$	398
Musicians -----	†	\$	\$	\$	\$	399
Mechanics, property men, etc. ....	Male	Week	20 00-27 50	†	†	400
Flymen, etc. ....	Male	Perfor-	mance	†	†	
		1 50-1 75		†	†	
Mechanics, property men, etc. ....	Male	Week	22 50-30 00	†	†	401
Flymen, etc. ....	Male	Perfor-	mance	†	†	
		1 00-1 75		†	†	
Mechanics, property men, etc. ....	Male	Week	20 00-35 00	†	†	402
Flymen, etc. ....	Male	Perfor-	mance	†	†	
		1 25-1 75		†	†	
Mechanics, property men, etc. ....	Male	Week	20 00-30 00	†	†	403
Flymen, etc. ....	Male	Perfor-	mance	†	†	
		1 25-1 50		†	†	
Mechanics, property men, etc. ....	Male	Week	22 50-30 00	†	†	404
Flymen, etc. ....	Male	Week	19 25-20 00	†	†	
Mechanics, property men, etc. ....	Male	Week	20 00-35 00	†	†	405
Flymen, etc. ....	Male	*	*	†	†	
Mechanics, property men, etc. ....	Male	Week	20 00-30 00	†	†	406
Flymen, etc. ....	Male	Perfor-	mance	†	†	
		1 25-2 00		†	†	
Cigarmakers -----	Male	Piece	18 00	8	48	407
Strippers -----	M. & F.	Week	Av. per wk. 8 00	8	48	
Cigarmakers -----	Male	Piece	18 00	8	48	408
		Av. per wk.				
Cigarmakers -----	Male	Piece	15 00	8	48	409
		Av. per wk.				
Cigarmakers -----	Female	Piece	15 00	8	48	
		Av. per wk.				
Cigarmakers -----	Male	Piece	16 00	8	48	410
		Av. per wk.				
Cigarmakers -----	Female	Piece	16 00	8	48	
		Av. per wk.				

<sup>104</sup>In 1913, secured 1 day rest in 7.

†Musicians in most instances are engaged in another occupation through which they gain a livelihood, many being members of unions in other trades. The wage varies with nature of service rendered and the purpose for which it is rendered.

\*Rates not reported.

†Sex not reported.

‡Hours irregular.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>IX. Tobacco—Continued.</b>		
<i>Cigar Makers—Continued.</i>		
411	San Diego .....	Cigar Makers' International Union of America, No. 332
412	San Francisco ...	Cigar Makers' International Union of America, No. 228
413	San Jose .....	Cigar Makers' International Union of America, No. 291
<i>Tobacco Workers—</i>		
414	San Francisco ...	Tobacco Workers' International Union, No. 74.....
<b>X. Restaurants and Trade.</b>		
<b>(a) HOTELS AND RESTAURANTS.</b>		
<i>Bartenders—</i>		
415	Bakersfield .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 378.
416	Eureka .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 406.
417	Fresno .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 566.
418	Los Angeles .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 284.
419	Mojave .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 445.
420	Oakland .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 525.
421	San Diego .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 768.
422	San Francisco ...	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 41.
423	San Pedro .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 591.
424	Stockton .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 463.
<i>Cooks, Waiters and Waitresses—</i>		
425	Bakersfield .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 550.
426	Los Angeles .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 17.
427	Los Angeles .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 27.
428	Los Angeles .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 98.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Cigarmakers -----	M. & F.	Piece	\$18 00	8	46½	411
Cigar packers -----	M. & F.	Piece	Av. per wk. 20 00	8	45	
Cigarmakers -----	Male	Piece	Av. per wk. 20 00	8	48	412
Cigarmakers -----	Male	Piece	Av. per wk. 13 50	8	47	413
Cutters -----	Male	Week	15 00	8½	51	414
Packers -----	Female	Week	7 00	8	48	
Bartenders -----	Male	Day	3 50	8	56	415
Bartenders -----	Male	Month	<sup>105</sup> 90 00	9	63	416
Bartenders -----	Male	Week	21 00	9	54	417
Bartenders -----	Male	Week	25 00	10	60	418
Bartenders -----	Male	Hour	30	10-12	70-84	419
Bartenders -----	Male	Week	21 00	10	60	420
Bartenders -----	Male	Week	22 50	10	57	421
Bartenders -----	Male	Week	21 00	10	60	422
Bartenders -----	Male	Week	22 50	10	60	423
Bartenders -----	Male	Day	<sup>104</sup> 3 50	10	<sup>107</sup> 60	424
Cooks -----	Male	Day	3 50	10	70	425
Helpers -----	Male	Day	1 75	10	70	
Walters -----	Male	Day	2 25	10	70	
Waitresses -----	Female	Day	1 50	7	48	
Walters -----	Male	Week	12 00	10	70	426
Cooks -----	Male	Week	18 00	11	77	427
Waitresses -----	Female	Week	8 00-10 00	7	48	428

<sup>106</sup>April, 1913. Wages increased from \$75.00 per month.<sup>107</sup>July 1, 1913. Wages increased from \$3.00 per day.<sup>108</sup>July 1, 1913. Hours reduced from 70 per week.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>X. Restaurants and Trade—Continued.</b>		
<b>(a) HOTELS AND RESTAURANTS—Continued.</b>		
<i>Cooks, Waiters and Waitresses—Continued.</i>		
429	Oakland .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 31.
430	Sacramento .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 561.
431	San Diego .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 402.
432	San Francisco ...	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 30.
433	San Francisco ...	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 44.
434	San Francisco ...	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 48.
435	San Francisco ...	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. ....
436	San Jose .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 180.
437	Stockton .....	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 572.
<b>(b) BARBERING.</b>		
<i>Barbers—</i>		
438	Eureka .....	Journeyman Barbers' International Union, No. 431.....
439	Los Angeles .....	Journeyman Barbers' International Union, No. 295.....
440	Petaluma .....	Journeyman Barbers' International Union, No. 419.....
441	Richmond .....	Journeyman Barbers' International Union, No. 508.....
442	Riverside .....	Journeyman Barbers' International Union, No. 171.....
443	San Bernardino..	Journeyman Barbers' International Union, No. 253.....
444	San Diego .....	Journeyman Barbers' International Union, No. 256.....
445	San Francisco ...	Journeyman Barbers' International Union, No. 148.....
446	San Jose .....	Journeyman Barbers' International Union, No. 252.....
447	Santa Barbara ..	Journeyman Barbers' International Union, No. 560.....
448	Santa Rosa .....	Journeyman Barbers' International Union, No. 159.....
449	Stockton .....	Journeyman Barbers' International Union, No. 312.....
450	Vallejo .....	Journeyman Barbers' International Union, No. 335.....

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Cooks .....	Male	Week	\$19 00	10	60	429
Cooks .....	Female	Week	15 00	8	48	
Waiters .....	Male	Week	11 00	10	60	
Waitresses .....	Female	Week	8 00	8	48	
Cooks .....	Male	Week	18 00	10	60	430
Helpers .....	Male	Week	10 00	10	60	
Waiters .....	Male	Week	12 00	10	60	
Waitresses .....	Female	Week	9 00	8	48	
Cooks .....	Male	*	*	10	60	431
Helpers .....	Male	*	*	10	60	
Waiters .....	Male	*	*	10	60	
Waitresses .....	Female	*	*	8	48	
Waiters .....	Male	Day	2 00	10	60	432
Cooks .....	Male	Day	3 00	10½	63	433
Cooks .....	Female	Day	3 00	8	48	
Waitresses .....	Female	Week	9 00	8	48	434
Cooks, helpers .....	Male	Week	12 00	12	72	435
Helpers .....	Male	Week	10 00	12	72	
Cooks .....	Male	Week	<sup>100</sup> 21 00	†	†	436
Waiters .....	Male	Week	<sup>100</sup> 14 00	†	†	
Waitresses .....	Female	Week	<sup>110</sup> 8 00	†	†	
Cooks .....	Male	Day	3 00	10½	63	437
Helpers .....	Male	Day	1 65	10	60	
Waiters .....	Male	Day	2 00	10	60	
Waitresses .....	Female	Day	1 50	8	48	
Barbers .....	Male	Percent	age, 60%, \$18 guarantee.	10	62½	438
Barbers .....	Male	Percent	age, 60%, \$14 guarantee.	11	64	439
Barbers .....	Male	Week	18 00	10	62½	440
Barbers .....	Male	Percent	age, 60%, \$18 guarantee.	9½	59½	441
Barbers .....	Male	Week	15 00	11½	72	442
Barbers .....	Male	Percent	age, 60%, \$15 av. per wk.	10½	65	443
Barbers .....	Male	Percent	age, 60%, \$14 av. per wk.	11	69½	444
Barbers .....	Male	Percent	age, 60%, \$18 av. per wk.	10	62	445
Barbers .....	Male	Percent	age, 60%, \$18 av. per wk.	†	†	446
Barbers .....	Male	Percent	age, 60%, \$15 guarantee.	11	70½	447
Barbers .....	Male	Percent	age, 60%, \$16 guarantee.	9½	61½	448
Barbers .....	Male	Percent	age, 60%, \$14 guarantee.	10½	69	449
Barbers .....	Male	Week	16 00	10½	65	450

\*Rates not reported.

†Hours not reported.

<sup>100</sup>July, 1912. Wages increased from \$16.00 per week.<sup>100</sup>July, 1912. Wages increased from \$10.00 per week.<sup>110</sup>July, 1912. Wages increased from \$7.00 per week.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>X. Restaurants and Trade—Continued.</b>		
<b>(c) RETAIL TRADE.</b>		
<i>Clerks and Salesmen—</i>		
451	Bakersfield -----	Retail Clerks' International Protective Association, No. 137.
452	Bakersfield -----	Retail Clerks' International Protective Association, No. 1217.
453	San Francisco ---	Retail Clerks' International Protective Association, No. 410.
454	San Francisco ---	Retail Clerks' International Protective Association, No. 432.
455	San Francisco ---	Newspaper Solicitors' Union, No. 12766.....
<i>Office Employees—</i>		
456	San Francisco ---	Office Employees' Association, No. 13188.....
<b>XI. Public Employment.</b>		
<i>Post Office Clerks—</i>		
457	Los Angeles -----	National Federation of Post Office Clerks, No. 64.....
458	San Francisco ---	National Federation of Post Office Clerks, No. 2.....
<b>XII. Stationary Engine Men.</b>		
<i>Dredgemen—</i>		
459	San Francisco ---	International Union of Steam Engineers, No. 493.....
<i>Engineers, Stationary—</i>		
460	Bakersfield -----	International Union of Steam and Operating Engineers, No. 469.
461	Fresno -----	International Union of Steam and Operating Engineers, No. 336.
462	Los Angeles -----	International Union of Steam Engineers, No. 72.....
463	San Francisco ---	International Union of Steam Engineers, No. 64.....
464	San Jose -----	International Union of Steam Engineers, No. 171.....
<i>Firemen, Stationary—</i>		
465	Los Angeles -----	International Brotherhood of Stationary Firemen, No. 220.
466	San Francisco ---	International Brotherhood of Stationary Firemen, No. 86.
<b>XIII. Miscellaneous.</b>		
<b>(a) LEATHER AND LEATHER GOODS.</b>		
<i>Harness Makers—</i>		
467	San Francisco ---	United Brotherhood of Leather Workers on Horse Goods, No. 57.
<b>(b) GLASS AND GLASSWARE.</b>		
<i>Art Glass Workers—</i>		
468	Los Angeles -----	Amalgamated Glass Workers' International Association, No. 5.

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Clerks .....	Male	*	*	9½	60½	451
Clerks .....	Male	*	*	10	62	452
Clerks .....	Female	*	*	8	48	
Shoe clerks .....	Male	Month	\$65 00	9	57	453
Drug clerks .....	Male	Month	100 00	†	60	454
Newspaper solicitors, city.....	Male	Day	3 10	8	48	455
Newspaper solicitors, country..	Male	Week	25 00	8	48	
Office employees .....	M. & F.	No scale of hours or wages				456
Post office clerks .....	M. & F.	Year	800 00-1200 00	8	48	457
Post office clerks .....	M. & F.	Year	800 00-1200 00	8	48	458
Levermen .....	Male	Month	75 00	8	56	459
Firemen .....	Male	Month	50 00	12	80	
Deckmen .....	Male	Month	45 00	12	80	
Engineers, holsting .....	Male	Hour	75	8	44	460
Engineers, laundry .....	Male	Day	3 50-4 25	10	60-66	
Stationary engineers .....	Male	No scale of hours or wages				461
Engineers, brewery .....	Male	Day	4 00	8	56	462
Stationary engineers .....	Male	Hour	35-50	8-10	48-70	
Stationary engineers .....	Male	Earnings run from \$3 50 day to \$250 mo.				463
Chief engineers .....	Male	Day	3 50-6 00	10 Max.		464
Assistant engineers .....	Male	Day	3 50-4 50	10 Max.		
Firemen .....	Male	Day	3 00-3 25	8-9	48-56	465
Firemen .....	Male	Day	3 00-3 25	8	48-56	466
Watertenders .....	Male	Day	3 50	8	56	
Oilers, helpers, etc.....	Male	Day	3 00	8	48-56	
Saddle makers .....	Male	Piece	Av. wk. 15 00	9	54	467
Harness makers .....	Male	Day	3 25-3 50	9	54	
Art glass workers.....	Male	Week	21 00	8½	48	468

\*Rates not reported.

†Hours not reported.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>XIII. Miscellaneous—Continued.</b>		
<b>(b) GLASS AND GLASSWARE—Continued.</b>		
		<i>Glass Bottle Blowers and Caners—</i>
469	San Francisco ---	Glass Bottle Blowers' Association of the United States and Canada, No. 22.
470	San Francisco ---	San Francisco Bottle Caners, No. 10535.....
		<i>Glass Workers—</i>
471	San Francisco ---	United Glass Workers' of San Francisco and Vicinity..
<b>(c) CLAY PRODUCTS.</b>		
472	Richmond -----	National Brotherhood of Operative Potters, No. 89....
<b>(d) OTHER DISTINCT TRADES.</b>		
		<i>Bath House Employees—</i>
473	San Francisco ---	Barber Shop Porters' and Bath House Employees' Union, No. 11963.
		<i>Bootblacks—</i>
474	San Francisco ---	Bootblacks' Protective Union, No. 10175.....
		<i>Fishermen—</i>
475	San Francisco ---	Alaska Fishermen's Union.....
		<i>Gas and Water Workers—</i>
476	Oakland -----	Gas and Water Workers' Union, No. 10678.....
477	San Francisco ---	Gas and Water Workers' Union, No. 9640.....

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Blowers .....	Male	Piece	Av. wk. \$35 00	8½	49½	469
Bottle caners .....	Male	Piece	Av. wk. 18 00	8	47	476
Bottle caners .....	Female	Piece	Av. wk. 9 00	8	47	
Art glass workers .....	Male	Day	4 00	1118	44	471
Glaziers .....	Male	Day	4 50	1118	44	
Polishers .....	Male	Day	3 25-3 50	1118	44	
Roughers and smoothers .....	Male	Day	4 00	1118	44	
Sheet and plate cutters .....	Male	Day	4 50	1118	44	
Silverers .....	Male	Day	4 00	1118-9	44-50	
Kiln setters .....	Male	Piece	Av. wk. 23 00	8	48	472
Packers .....	Male	Day	3 33½	8	48	
Pressers and casters .....	Male	Piece	Av. wk. 25 00	8	48	
Sagger makers .....	Male	Piece	Av. wk. 30 00	8	48	
Bath house employees .....	Male	Month	47 50-60 00	10	70	473
Bath house attendants .....	Female	Month	45 00	8	48	
Bootblacks .....	Male	Day	2 00	13	88	474
Fishermen .....	Male	Season	Av. mo. 80 00	‡	‡	475
Calkers .....	Male	Day	3 75	8	56	476
Gas makers .....	Male	Month	110 00	8	56	
Gas makers, helpers .....	Male	Month	90 00	8	56	
Meter men .....	Male	Day	3 75	8	56	
Purifiers .....	Male	Day	3 00	8	56	
Street laborers .....	Male	Day	2 50	8	48	
Yard men .....	Male	Day	2 75	8	56	
Calkers .....	Male	Day	3 75	8	48	477
Gas makers .....	Male	Month	110 00	8	48	
Gas makers, helpers .....	Male	Day	3 00	8	48	
Meter men .....	Male	Day	3 75	8	48	
Purifiers .....	Male	Day	3 00	8	48	
Service and main laborers .....	Male	Day	2 50	8	48	
Yard men .....	Male	Day	2 75	8	48	

‡ Hours irregular.

111912-13. Gradual reduction in hours.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
XIII. Miscellaneous—Continued.		
(d) OTHER DISTINCT TRADES—Continued.		
		<i>Janitors, Porters and Elevatormen—</i>
478	San Francisco	Janitors' Protective Union, No. 10637.....
479	San Francisco	Elevator Conductors and Starters, No. 13105.....
		<i>Milkers—</i>
480	San Francisco	Milkers' Protective Union, No. 8861.....
		<i>Miners—</i>
481	Bodie	Western Federation of Miners, No. 61.....
482	Grass Valley	Western Federation of Miners, No. 90.....
483	Kennett	Western Federation of Miners, No. 174.....
484	Randsburg	Western Federation of Miners, No. 44.....
485	Skidoo	Western Federation of Miners, No. 211.....
486	Sutter Creek	Western Federation of Miners, No. 135.....
		<i>Sugar Workers—</i>
487	San Francisco	Sugar Workers' Union, No. 10519.....
		<i>Timber Workers—</i>
488	Eureka	International Union of Timber Workers, No. 23.....
		<i>Undertakers and Cemetery Employees—</i>
489	San Francisco	Cemetery Employees, No. 10634.....
490	San Francisco	Undertaker's Union, No. 9049.....
(e) MIXED EMPLOYMENT.		
491	Bakersfield	United Laborers' Union, No. 14143.....
492	Los Angeles	United Laborers' Union, No. 13149.....
493	San Jose	United Laborers' Union, No. 14190.....
494	Vallejo	Federal Labor Union, No. 11345.....

## AND HOURS OF LABOR ON JANUARY 1, 1914—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Janitors:						
(a) Office buildings .....	Male	Month	\$70 00	9	54-63	478
(b) Public buildings .....	Male	Month	80 00	8	44	
(c) Theaters .....	Male	Week	17 50	8	56	
Elevator conductors .....	Male	Day	2 70	9	60	479
Milkers, can & bottle washers .....	Male	Month	\$50 and found	10	70	480
Miners .....	Male	Day	4 00	8	56	481
Miners .....	Male	Day	3 00	8	56	482
Muckers .....	Male	Day	2 25	8	56	
Car men .....	Male	Day	2 50	8	56	
Miners .....	Male	Day	3 00-3 25	8	56	483
Muckers, laborers, etc. ....	Male	Day	2 00-2 75	8	56	
Machinists .....	Male	Day	3 25-4 50	8	56	
Blacksmiths .....	Male	Day	4 00	8	56	484
Hoist men .....	Male	Day	4 00	8	56	
Millmen .....	Male	Day	3 50	8	56	
Miners .....	Male	Day	3 50	8	56	
Muckers .....	Male	Day	3 00	8	56	
Miners .....	Male	Day	4 00	8	56	485
Millmen .....	Male	Day	5 00	8	56	
Blacksmiths .....	Male	Day	3 50	9	54	486
Engineers .....	Male	Day	3 00	8	56	
Millmen .....	Male	Day	2 75	8	48	
Miners .....	Male	Day	2 75	8	48	
Muckers .....	Male	Day	2 37½	8	48	
Surfaceworkers .....	Male	Day	2 25	9	54	
Liquor men .....	Male	Hour	27½	‡	‡	487
Sugar boilers .....	Male	Month	85 00-110 00	8	48	
Sugar workers .....	Male	Hour	25	‡	‡	
Timber workers .....	Male	No scale of hours or wages				488
Cemetery employees .....	Male	Day	3 00	8	48	489
Undertakers .....	Male	Month	100 00	12	84	490
Undertakers, apprentices .....	Male	Month	50 00	12	84	
Bootblacks .....	Male	Percent age.	15 00	10	70	491
Laborers .....	Male	Av. per wk.	2 00-3 00	8	48	
Porters .....	Male	Hour	25-30	8	48	
Laborers .....	Male	Hour	25-27½	9-10	54-60	492
Laborers .....	Male	Day	2 50	8	48	493
Laborers .....	Male	Day	2 50	8	48	494



## MANUFACTURES.

In this chapter we present for the first time the attempt by this bureau to take a census of manufactures in this state. While our information is not complete, we feel that a great deal has been accomplished in starting this work, the value of which will be apparent to every one interested in the industrial affairs of this state.

Two years ago the bureau decided to commence a systematic tabulation of the manufacturing industries, and introduced a bill at the legislature providing for the registration of factories, work shops, mills and other manufacturing establishments. (Statutes 1913, Chap. 255). The bill was amended in the legislature and made to apply only to those places in which five or more persons are employed. This amendment has seriously handicapped our work, as will be shown by a comparison with the United States census on manufactures, 1909. In the federal census, over one half of the establishments reported employed less than five persons.

The purpose of the act providing for registration was to furnish a record of the various establishments, which could be used both for gathering statistics and for factory inspection.

Our progress has been rather slow, owing to the fact that this being the first attempt by the state to gather the information, we met with considerable resentment on the part of many employers and were compelled to adopt a policy of educating these employers in the value and importance of the state doing this class of work. We had hoped to be able to embody in this report a rather complete census of manufactures, but our missionary work, so to speak, has been so extensive that we could not complete the task in time. We have therefore omitted giving any figures on capital invested, or the value of the material used or the products manufactured. We deemed it inadvisable to submit such figures unless the same were complete.

In the following tables we have tabulated the information relating to numbers employed and wages. This information is complete for the establishments reported. The canning industry is not included, as we intend leaving it for a separate investigation.

The tabulations cover 1,576 establishments, employing a total of 57,648 male and 8,378 female wage earners; and 9,987 male and 1,876 female salaried employees, making a total of 77,889 persons employed on December 15, 1913, or the nearest representative date.

The annual wages paid to these employees amounted to \$8,123,994 for officers, superintendents and managers; \$9,281,900 for clerks, stenographers, salesmen, etc., and \$52,054,483 for wage earners, making a total of \$69,460,377.

The weekly wage rates of wage earners have been tabulated and are given for four classifications, to wit: male and female, eighteen years of age and over, and under eighteen years. Of the male wage earners, eighteen years and over, 35.6 per cent received less than \$15 per week. Of the female wage earners eighteen years of age and over, 49.3 per cent received less than \$9 per week. Of the male wage earners under eighteen, 16.4 per cent received less than \$6 per week, and of the female wage earners under eighteen years 28.5 per cent received less than \$6 per week.

The number of wage earners employed during each month of the year has also been tabulated in order to show the fluctuation in employment. The canning industry has been omitted, owing to the fact that it is so highly seasonal and would tend to distort the general result.

The number of male wage earners fluctuated from 53,458 in January to a maximum of 63,197 in May and 63,035 in September, or, an increase of 18 per cent from the lowest to the highest number. The high number in the month of May is due to the influence of the lumber industry.

The number of female wage earners fluctuated from a minimum of 7,650 in January to a maximum of 8,121 in December, or, an increase of 6 per cent from the lowest to the highest number.

It will be noted that the employment of women is far more stable than that of men, and it is also interesting that the month of December is the time of greatest employment for women and least employment for men; that is, when we omit the canning industry.

The various industries have been grouped into eighty classifications, a separate table being shown for each classification, together with a summary for all the industries.

## CLASSIFICATION OF INDUSTRIES.

Table 1.	All Industries.
Table 2.	Agricultural Implements.
Table 3.	Artificial Stone, Clay and Concrete Products.
Table 4.	Automobiles (including Bodies and Parts).
Table 5.	Awnings, Tents and Sails.
Table 6.	Babbitt Metal and Solder.
Table 7.	Bags, other than paper.
Table 8.	Bakery Products.
Table 9.	Baking Powders and Yeast.
Table 10.	Baskets, Fruit and Berry, etc.
Table 11.	Boots and Shoes.
Table 12.	Boxes, Cartons, etc., Paper.
Table 13.	Boxes, Wood.
Table 14.	Brass and Bronze Products.
Table 15.	Brick and Tile.
Table 16.	Butter.
Table 17.	Cans, Tin.
Table 18.	Carbonated Beverages.
Table 19.	Carriages and Wagons and Materials.
Table 20.	Caskets and Undertakers' Supplies.
Table 21.	Cement.
Table 22.	Chemicals (including Chemical Fertilizers).
Table 23.	Clothing, Men's.
Table 24.	Clothing, Women's.
Table 25.	Confectionery.
Table 26.	Cooperage and Wooden Goods, not elsewhere specified.
Table 27.	Electrical Machinery, Apparatus and Supplies.
Table 28.	Engines—Gas, Gasoline, etc.
Table 29.	Explosives.
Table 30.	Felt and Felt Products.
Table 31.	Flour Mill and Grist Mill Products.
Table 32.	Food Preparations.
Table 33.	Foundry and Machine Shop Products.
Table 34.	Furniture, Bank and Store Fixtures, etc.
Table 35.	Gas (in containers).
Table 36.	Gas and Electric Fixtures.
Table 37.	Glass, Cutting and Ornamenting (including Mirrors).
Table 38.	Gloves, Leather.
Table 39.	Glue and Tallow.
Table 40.	Hats and Caps, Men's.
Table 41.	Ice, Manufactured.
Table 42.	Iron and Steel Forgings, Bolts and Nuts.
Table 43.	Iron and Steel, Structural and Ornamental.
Table 44.	Jewelry.
Table 45.	Knit Goods.
Table 46.	Leather Goods.
Table 47.	Liquors, Distilled.
Table 48.	Liquors, Malt.
Table 49.	Liquors, Vinous.
Table 50.	Lumber Industry—Planing Mills.
Table 51.	Lumber Industry—Sash and Door Mills and House Finish.
Table 52.	Lumber Industry—Saw Mills and Logging Operations.
Table 53.	Lumber Industry—Shingle Mills.
Table 54.	Marble and Stone Work.



- Table 55. Mattresses and Spring Beds.
- Table 56. Metal Signs, Stencils and Rubber Stamps.
- Table 57. Millinery.
- Table 58. Oil Stoves and Oil Burning Equipment.
- Table 59. Oil Well Tools and Supplies.
- Table 60. Paint and Varnish.
- Table 61. Paper and Paper Board.
- Table 62. Patent Medicines and Compounds and Druggists' Preparations.
- Table 63. Photo Engraving, Electrotyping and Stereotyping.
- Table 64. Printing and Publishing.
- Table 65. Rock, Quarrying and Crushing.
- Table 66. Roofing Materials and Building Paper.
- Table 67. Rubber Goods—Mechanical, and Rubber Specialties.
- Table 68. Salt.
- Table 69. Sheet Metal Products (not including Tin Cans).
- Table 70. Ship Building (including Boat Building).
- Table 71. Slaughtering and Meat Packing.
- Table 72. Smelting and Refining.
- Table 73. Soap, Washing Powder, etc.
- Table 74. Stoves and Furnaces (not including Oil Stoves).
- Table 75. Sugar Refining.
- Table 76. Tanning.
- Table 77. Tobacco Manufactures.
- Table 78. Trunks, Valises, etc.
- Table 79. Window Shades.
- Table 80. Wire Work (including Wire Rope, Netting, etc.).
- Table 81. All other Industries.

**TABLE No. 1. ALL INDUSTRIES.**  
(1,576 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	3,185	73
Clerks, stenographers, salesmen, etc:		
18 years of age and over.....	6,630	1,776
Under 18 years of age.....	172	27
<b>Totals .....</b>	<b>9,987</b>	<b>1,876</b>
<b>Wage earners:</b>		
18 years of age and over.....	56,369	7,817
Under 18 years of age.....	1,279	561
<b>Totals .....</b>	<b>57,648</b>	<b>8,378</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$8,123,994 00
Clerks, stenographers, salesmen, etc.....		9,281,900 00
Wage earners (Including piece workers).....		52,064,483 00
<b>Total .....</b>		<b>\$69,460,377 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	17	108	13	8	146
\$4 to \$4.99.....	35	93	62	46	236
\$5 to \$5.99.....	99	349	136	106	690
\$6 to \$6.99.....	294	1,064	276	202	1,866
\$7 to \$7.99.....	440	1,197	242	90	1,969
\$8 to \$8.99.....	540	1,007	126	50	1,723
\$9 to \$9.99.....	1,089	1,098	174	20	2,381
\$10 to \$10.99.....	2,251	949	100	21	3,321
\$11 to \$11.99.....	1,362	458	34	11	1,865
\$12 to \$12.99.....	5,746	512	65	6	6,329
\$13 to \$13.99.....	5,198	241	27	-----	5,466
\$14 to \$14.99.....	3,008	181	9	-----	3,198
\$15 to \$17.99.....	12,671	340	12	1	13,024
\$18 to \$20.99.....	7,897	118	2	-----	8,017
\$21 to \$24.99.....	9,078	36	1	-----	9,115
\$25 and over.....	6,644	36	-----	-----	6,680
<b>Totals .....</b>	<b>56,369</b>	<b>7,817</b>	<b>1,279</b>	<b>561</b>	<b>66,026</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	54,829	7,650	62,479
February.....	55,932	7,835	63,767
March.....	58,128	7,996	66,124
April.....	61,557	7,923	69,480
May.....	63,197	8,004	71,201
June.....	62,647	7,826	70,473
July.....	62,569	7,685	70,261
August.....	61,553	7,781	69,334
September.....	63,035	7,799	70,834
October.....	62,112	8,007	70,119
November.....	57,904	8,112	66,016
December.....	53,458	8,121	61,579

TABLE No. 2. AGRICULTURAL IMPLEMENTS.

(12 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	45	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	136	31
Under 18 years of age.....		
Totals.....	181	31
Wage earners:		
18 years of age and over.....	648	
Under 18 years of age.....	10	
Total.....	658	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$124,797 00
Clerks, stenographers, salesmen, etc.....	152,573 00
Wage earners (including piece workers).....	653,395 00
Total.....	\$930,765 00

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	2				2
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	13		6		19
\$7 to \$7.99.....	4				4
\$8 to \$8.99.....			1		1
\$9 to \$9.99.....			2		2
\$10 to \$10.99.....	11				11
\$11 to \$11.99.....	14				14
\$12 to \$12.99.....	2				2
\$13 to \$13.99.....	55		1		56
\$14 to \$14.99.....	71				71
\$15 to \$15.99.....	3				3
\$16 to \$16.99.....	153				153
\$17 to \$17.99.....	105				105
\$18 to \$18.99.....	150				150
\$19 to \$19.99.....	65				65
Totals.....	648		10		658

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	879		879
February.....	787		787
March.....	829		829
April.....	863		863
May.....	887		887
June.....	1,004		1,004
July.....	955		955
August.....	706		706
September.....	636		636
October.....	675		675
November.....	686		686
December.....	658		658

**TABLE No. 3. ARTIFICIAL STONE, CLAY AND CONCRETE PRODUCTS.**  
(22 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	55	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	68	16
Under 18 years of age.....	2	-----
<b>Totals</b> .....	125	16
<b>Wage earners:</b>		
18 years of age and over.....	937	-----
Under 18 years of age.....		
<b>Total</b> .....	937	-----
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$157,062 00
Clerks, stenographers, salesmen, etc.....		104,263 00
Wage earners (including piece workers).....		762,405 00
<b>Total</b> .....		\$1,023,730 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	2	-----	-----	-----	2
\$4 to \$4.99.....	1	-----	-----	-----	1
\$5 to \$5.99.....	2	-----	-----	-----	2
\$6 to \$6.99.....	2	-----	-----	-----	2
\$7 to \$7.99.....	3	-----	-----	-----	3
\$8 to \$8.99.....	14	-----	-----	-----	14
\$9 to \$9.99.....	12	-----	-----	-----	12
\$10 to \$10.99.....	20	-----	-----	-----	20
\$11 to \$11.99.....	31	-----	-----	-----	31
\$12 to \$12.99.....	207	-----	-----	-----	207
\$13 to \$13.99.....	135	-----	-----	-----	135
\$14 to \$14.99.....	57	-----	-----	-----	57
\$15 to \$17.99.....	246	-----	-----	-----	246
\$18 to \$20.99.....	86	-----	-----	-----	86
\$21 to \$24.99.....	63	-----	-----	-----	63
\$25 and over.....	56	-----	-----	-----	56
<b>Totals</b> .....	937	-----	-----	-----	937

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	1,115	-----	1,115
February.....	1,047	-----	1,047
March.....	1,123	-----	1,123
April.....	1,121	-----	1,121
May.....	1,117	-----	1,117
June.....	1,113	-----	1,113
July.....	1,102	-----	1,102
August.....	1,060	-----	1,060
September.....	1,004	-----	1,004
October.....	1,034	-----	1,034
November.....	1,005	-----	1,005
December.....	935	-----	935

**TABLE No. 4. AUTOMOBILES (including bodies and parts).**  
(12 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	23	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	20	12
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	43	12
<b>Wage earners:</b>		
18 years of age and over.....	308	3
Under 18 years of age.....	2	-----
<b>Totals</b> .....	310	3
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$43,312 00
Clerks, stenographers, salesmen, etc.....		28,458 00
Wage earners (including piece workers).....		276,546 00
<b>Total</b> .....		\$348,316 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....	1	-----	-----	-----	1
\$5 to \$5.99.....	-----	-----	-----	-----	-----
\$6 to \$6.99.....	2	-----	1	-----	3
\$7 to \$7.99.....	6	-----	-----	-----	6
\$8 to \$8.99.....	1	-----	-----	-----	1
\$9 to \$9.99.....	10	-----	1	-----	11
\$10 to \$10.99.....	8	1	-----	-----	9
\$11 to \$11.99.....	-----	-----	-----	-----	-----
\$12 to \$12.99.....	10	-----	-----	-----	10
\$13 to \$13.99.....	26	-----	-----	-----	26
\$14 to \$14.99.....	28	1	-----	-----	29
\$15 to \$17.99.....	36	1	-----	-----	37
\$18 to \$20.99.....	71	-----	-----	-----	71
\$21 to \$24.99.....	89	-----	-----	-----	89
\$25 and over.....	20	-----	-----	-----	20
<b>Totals</b> .....	308	3	2	-----	313

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	307	4	311
<b>February</b> .....	297	4	301
<b>March</b> .....	301	4	305
<b>April</b> .....	306	4	310
<b>May</b> .....	282	3	285
<b>June</b> .....	344	3	347
<b>July</b> .....	322	3	325
<b>August</b> .....	331	3	334
<b>September</b> .....	382	3	385
<b>October</b> .....	333	3	336
<b>November</b> .....	323	4	327
<b>December</b> .....	312	3	315

**TABLE No. 5. AWNINGS, TENTS AND SAILS.**  
(9 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	13	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	5	7
Under 18 years of age.....		1
Totals .....	18	9
Wage earners:		
18 years of age and over.....	47	50
Under 18 years of age.....		
Totals .....	47	50
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$20,601 00
Clerks, stenographers, salesmen, etc.....		10,213 00
Wage earners (including piece workers).....		82,068 00
Total .....		\$112,882 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....	2	5			7
\$8 to \$8.99 .....	1	11			12
\$9 to \$9.99 .....		11			11
\$10 to \$10.99 .....		3			3
\$11 to \$11.99 .....		8			8
\$12 to \$12.99 .....	1	7			8
\$13 to \$13.99 .....					
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	12	5			17
\$18 to \$20.99 .....	6				6
\$21 to \$24.99 .....	4				4
\$25 and over .....	20				20
Totals .....	47	50			97

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	59	46	105
February .....	50	46	96
March .....	56	46	102
April .....	56	50	106
May .....	50	50	100
June .....	48	49	97
July .....	48	49	97
August .....	42	46	88
September .....	48	48	96
October .....	47	50	97
November .....	52	48	100
December .....	47	48	95

**TABLE No. 6. BABBITT METAL AND SOLDER.**  
(3 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	8	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	3	4
Under 18 years of age.....		
Totals.....	11	4
Wage earners:		
18 years of age and over.....	27	
Under 18 years of age.....	1	
Total.....	28	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$49,300 00
Clerks, stenographers, salesmen, etc.....	6,941 00
Wage earners (including piece workers).....	28,603 00
Total.....	\$84,844 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....			1		1
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....					
\$13 to \$13.99.....	1				1
\$14 to \$14.99.....					
\$15 to \$17.99.....	12				12
\$18 to \$20.99.....	6				6
\$21 to \$24.99.....	8				8
\$25 and over.....					
Totals.....	27		1		28

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	28		28
February.....	28		28
March.....	29		29
April.....	29		29
May.....	30		30
June.....	30		30
July.....	30		30
August.....	30		30
September.....	31		31
October.....	31		31
November.....	31		31
December.....	31		31

**TABLE No. 7. BAGS, OTHER THAN PAPER.**  
(4 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	12	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	27	12
Under 18 years of age.....		
<b>Totals</b> .....	<b>39</b>	<b>12</b>
<b>Wage earners:</b>		
18 years of age and over.....	101	105
Under 18 years of age.....	9	4
<b>Totals</b> .....	<b>110</b>	<b>109</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$42,720 00
Clerks, stenographers, salesmen, etc.....	44,502 00
Wage earners (including piece workers).....	166,449 00
<b>Total</b> .....	<b>\$253,671 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....		2			2
\$6 to \$6.99 .....	2	13	1	2	18
\$7 to \$7.99 .....		20	3		23
\$8 to \$8.99 .....	3	32	2	2	39
\$9 to \$9.99 .....	5	17	2		24
\$10 to \$10.99 .....	9	9			18
\$11 to \$11.99 .....	6	2	1		9
\$12 to \$12.99 .....	4	7			11
\$13 to \$13.99 .....	8	1	1		9
\$14 to \$14.99 .....	1	1			2
\$15 to \$17.99 .....	17				17
\$18 to \$20.99 .....	22				22
\$21 to \$24.99 .....	19	1			20
\$25 and over .....	5				5
<b>Totals</b> .....	<b>101</b>	<b>105</b>	<b>9</b>	<b>4</b>	<b>219</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	107	129	236
February .....	105	160	265
March .....	117	169	286
April .....	114	175	289
May .....	119	209	328
June .....	125	251	376
July .....	131	236	367
August .....	133	220	353
September .....	127	198	325
October .....	122	172	294
November .....	113	124	237
December .....	110	109	219



**TABLE No. 8. BAKERY PRODUCTS.**  
(42 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	63	9
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	94	61
Under 18 years of age.....	3	2
<b>Totals .....</b>	<b>160</b>	<b>72</b>
<b>Wage earners:</b>		
18 years of age and over.....	894	349
Under 18 years of age.....	20	42
<b>Totals .....</b>	<b>914</b>	<b>391</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$198,332 00
Clerks, stenographers, salesmen, etc.....	150,827 00
Wage earners (including piece workers).....	947,145 00
<b>Total .....</b>	<b>\$1,296,304 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		1			1
\$4 to \$4.99 .....				2	2
\$5 to \$5.99 .....		2			2
\$6 to \$6.99 .....	2	15	1	12	30
\$7 to \$7.99 .....	2	70	4	22	98
\$8 to \$8.99 .....	8	13			21
\$9 to \$9.99 .....	14	144	9	6	173
\$10 to \$10.99 .....	39	62	5		106
\$11 to \$11.99 .....	8	7			15
\$12 to \$12.99 .....	55	28			83
\$13 to \$13.99 .....	14	3	1		18
\$14 to \$14.99 .....	26	1			27
\$15 to \$17.99 .....	125	2			127
\$18 to \$20.99 .....	193	1			194
\$21 to \$24.99 .....	332				332
\$25 and over .....	76				76
<b>Totals .....</b>	<b>894</b>	<b>349</b>	<b>20</b>	<b>42</b>	<b>1,305</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	837	391	1,228
February .....	839	389	1,228
March .....	885	403	1,288
April .....	886	388	1,274
May .....	896	375	1,271
June .....	916	373	1,289
July .....	915	367	1,282
August .....	916	369	1,285
September .....	917	375	1,292
October .....	941	384	1,325
November .....	941	369	1,310
December .....	914	391	1,305

**TABLE No. 9. BAKING POWDERS AND YEAST.**  
(4 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	15	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	33	12
Under 18 years of age.....	-----	-----
Totals.....	48	12
Wage earners:		
18 years of age and over.....	47	-----
Under 18 years of age.....	2	-----
Total.....	49	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$39,330 00
Clerks, stenographers, salesmen, etc.....	54,151 00
Wage earners (including piece workers).....	50,587 00
Total.....	\$144,068 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	-----	-----	-----	-----
\$4 to \$4.99.....	-----	-----	-----	-----	-----
\$5 to \$5.99.....	-----	-----	-----	-----	-----
\$6 to \$6.99.....	-----	-----	-----	-----	-----
\$7 to \$7.99.....	1	-----	-----	-----	1
\$8 to \$8.99.....	2	1	-----	-----	3
\$9 to \$9.99.....	1	-----	-----	-----	1
\$10 to \$10.99.....	1	1	-----	-----	2
\$11 to \$11.99.....	1	-----	-----	-----	1
\$12 to \$12.99.....	-----	-----	-----	-----	-----
\$13 to \$13.99.....	-----	-----	-----	-----	-----
\$14 to \$14.99.....	-----	-----	-----	-----	-----
\$15 to \$17.99.....	9	-----	-----	-----	9
\$18 to \$20.99.....	12	-----	-----	-----	12
\$21 to \$24.99.....	14	-----	-----	-----	14
\$25 and over.....	6	-----	-----	-----	6
Totals.....	47	2	-----	-----	49

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	52	2	54
February.....	54	2	56
March.....	54	2	56
April.....	55	2	57
May.....	56	2	58
June.....	52	2	54
July.....	53	2	55
August.....	52	2	54
September.....	53	2	55
October.....	48	2	50
November.....	50	2	52
December.....	47	2	49

**TABLE No. 10. BASKETS, FRUIT AND BERRY, ETC.**  
(12 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	12	—
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	2	2
Under 18 years of age.....	—	—
Totals.....	14	2
Wage earners:		
18 years of age and over.....	109	86
Under 18 years of age.....	—	2
Totals.....	109	88

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$14,019 00
Clerks, stenographers, salesmen, etc.....	3,920 00
Wage earners (including piece workers).....	127,812 00
Total.....	\$145,751 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	—	—	—	—	—
\$4 to \$4.99.....	—	—	—	—	—
\$5 to \$5.99.....	—	2	—	—	2
\$6 to \$6.99.....	—	12	—	1	13
\$7 to \$7.99.....	—	20	—	1	21
\$8 to \$8.99.....	—	23	—	—	23
\$9 to \$9.99.....	—	6	—	—	6
\$10 to \$10.99.....	3	20	—	—	23
\$11 to \$11.99.....	1	2	—	—	3
\$12 to \$12.99.....	9	1	—	—	10
\$13 to \$13.99.....	22	—	—	—	22
\$14 to \$14.99.....	18	—	—	—	18
\$15 to \$17.99.....	27	—	—	—	27
\$18 to \$20.99.....	11	—	—	—	11
\$21 to \$24.99.....	13	—	—	—	13
\$25 and over.....	5	—	—	—	5
Totals.....	109	86	—	2	197

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	78	73	151
February.....	81	82	163
March.....	90	119	209
April.....	126	155	281
May.....	123	169	292
June.....	121	182	303
July.....	127	222	349
August.....	135	208	343
September.....	133	122	355
October.....	106	99	206
November.....	117	101	218
December.....	109	88	197

**TABLE No. 11. BOOTS AND SHOES.**  
(9 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	23	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	36	11
Under 18 years of age.....	1	-----
<b>Totals .....</b>	<b>60</b>	<b>11</b>
<b>Wage earners:</b>		
18 years of age and over.....	374	144
Under 18 years of age.....	21	13
<b>Totals .....</b>	<b>395</b>	<b>157</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$47,840 00
Clerks, stenographers, salesmen, etc.....	46,964 00
Wage earners (including piece workers).....	293,777 00
<b>Total .....</b>	<b>\$388,581 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1	1	2	3	7
\$4 to \$4.99 .....	-----	-----	1	1	2
\$5 to \$5.99 .....	4	9	8	4	25
\$6 to \$6.99 .....	12	13	6	2	33
\$7 to \$7.99 .....	11	11	1	3	26
\$8 to \$8.99 .....	10	20	-----	-----	30
\$9 to \$9.99 .....	16	22	3	-----	41
\$10 to \$10.99 .....	14	15	-----	-----	29
\$11 to \$11.99 .....	9	12	-----	-----	21
\$12 to \$12.99 .....	36	18	-----	-----	54
\$13 to \$13.99 .....	26	8	-----	-----	34
\$14 to \$14.99 .....	10	3	-----	-----	13
\$15 to \$17.99 .....	85	8	-----	-----	93
\$18 to \$20.99 .....	73	2	-----	-----	75
\$21 to \$24.99 .....	43	1	-----	-----	44
\$25 and over.....	24	1	-----	-----	25
<b>Totals .....</b>	<b>374</b>	<b>144</b>	<b>21</b>	<b>13</b>	<b>552</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	364	132	496
February .....	363	139	502
March .....	342	137	479
April .....	316	122	438
May .....	312	126	438
June .....	328	122	450
July .....	329	128	457
August .....	382	145	527
September .....	385	163	548
October .....	340	152	492
November .....	356	147	503
December .....	404	159	563

**TABLE No. 12. BOXES, CARTONS, ETC., PAPER.**  
(17 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	36	—
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	37	17
Under 18 years of age.....	4	—
<b>Totals</b> .....	77	17
<b>Wage earners:</b>		
18 years of age and over.....	214	420
Under 18 years of age.....	8	74
<b>Totals</b> .....	222	494

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$75,506 00
Clerks, stenographers, salesmen, etc.....	48,593 00
Wage earners (including piece workers).....	284,116 00
<b>Total</b> .....	\$408,215 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	—	—	—	2	2
\$4 to \$4.99.....	—	1	—	6	7
\$5 to \$5.99.....	—	51	2	46	99
\$6 to \$6.99.....	1	153	1	11	166
\$7 to \$7.99.....	6	77	4	3	90
\$8 to \$8.99.....	8	41	1	4	54
\$9 to \$9.99.....	7	35	—	1	43
\$10 to \$10.99.....	12	26	—	—	38
\$11 to \$11.99.....	9	17	—	—	26
\$12 to \$12.99.....	26	10	—	1	37
\$13 to \$13.99.....	20	4	—	—	24
\$14 to \$14.99.....	14	1	—	—	15
\$15 to \$17.99.....	42	3	—	—	45
\$18 to \$20.99.....	36	1	—	—	37
\$21 to \$24.99.....	15	—	—	—	15
\$25 and over.....	18	—	—	—	18
<b>Totals</b> .....	214	420	8	74	716

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	194	400	594
February.....	198	389	587
March.....	202	382	584
April.....	202	373	575
May.....	206	374	580
June.....	204	382	586
July.....	213	355	568
August.....	212	399	611
September.....	215	424	639
October.....	216	465	681
November.....	228	529	757
December.....	223	489	712

**TABLE No. 13. BOXES, WOOD.**  
(14 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	34	-----
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	28	7
Under 18 years of age .....		
<b>Totals</b> .....	62	7
<b>Wage earners:</b>		
18 years of age and over .....	489	19
Under 18 years of age .....	8	-----
<b>Totals</b> .....	497	19
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$67,787 00
Clerks, stenographers, salesmen, etc. ....		38,418 00
Wage earners (including piece workers) .....		354,769 00
<b>Total</b> .....		\$460,914 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
<b>Under \$4</b> .....					
\$4 to \$4.99 .....		1			1
\$5 to \$5.99 .....		1			1
\$6 to \$6.99 .....	1	1	2		4
\$7 to \$7.99 .....	14		3		17
\$8 to \$8.99 .....	12	7			19
\$9 to \$9.99 .....	29	3	2		34
\$10 to \$10.99 .....	32	5	1		38
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	61				61
\$13 to \$13.99 .....	32				32
\$14 to \$14.99 .....	10	1			11
\$15 to \$17.99 .....	202				202
\$18 to \$20.99 .....	50				50
\$21 to \$24.99 .....	39				39
\$25 and over .....	6				6
<b>Totals</b> .....	489	19	8		516

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	354	3	357
<b>February</b> .....	362	3	365
<b>March</b> .....	484	3	487
<b>April</b> .....	508	3	511
<b>May</b> .....	517	3	520
<b>June</b> .....	523	3	526
<b>July</b> .....	580	3	583
<b>August</b> .....	582	3	585
<b>September</b> .....	604	3	607
<b>October</b> .....	549	3	552
<b>November</b> .....	510	3	513
<b>December</b> .....	456	3	459

**TABLE No. 14. BRASS AND BRONZE PRODUCTS.**  
(9 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	21	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	18	3
Under 18 years of age.....	1	
Totals .....	40	5
Wage earners:		
18 years of age and over .....	170	9
Under 18 years of age.....	12	1
Totals .....	182	10

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$47,200 00
Clerks, stenographers, salesmen, etc. ....	26,820 00
Wage earners (including piece workers) .....	149,604 00
Total .....	\$223,624 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					1
\$4 to \$4.99 .....	1				4
\$5 to \$5.99 .....			4		8
\$6 to \$6.99 .....	5		3		8
\$7 to \$7.99 .....	3		4	1	3
\$8 to \$8.99 .....		2	1		6
\$9 to \$9.99 .....	2	4			5
\$10 to \$10.99 .....	4	1			
\$11 to \$11.99 .....					9
\$12 to \$12.99 .....	8	1			10
\$13 to \$13.99 .....	10				6
\$14 to \$14.99 .....	5	1			33
\$15 to \$17.99 .....	33				37
\$18 to \$20.99 .....	37				52
\$21 to \$24.99 .....	52				10
\$25 and over .....	10				
Totals .....	170	9	12	1	192

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	188	9	197
February .....	199	10	209
March .....	222	11	233
April .....	211	11	222
May .....	209	11	220
June .....	188	13	201
July .....	188	9	197
August .....	189	8	197
September .....	181	10	191
October .....	168	10	178
November .....	188	10	198
December .....	182	10	192

**TABLE No. 15. BRICK AND TILE.**  
(21 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	34	3
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over .....	25	7
Under 18 years of age .....		
<b>Totals</b> .....	59	10
<b>Wage earners:</b>		
18 years of age and over .....	960	
Under 18 years of age .....	4	
<b>Total</b> .....	964	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$79,260 00
Clerks, stenographers, salesmen, etc. ....		38,390 00
Wage earners (including piece workers) .....		734,053 00
<b>Total</b> .....		\$851,643 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1				1
\$6 to \$6.99 .....	7		1		8
\$7 to \$7.99 .....	12				12
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	39		2		41
\$10 to \$10.99 .....	116				116
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	251				251
\$13 to \$13.99 .....	195		1		196
\$14 to \$14.99 .....	5				5
\$15 to \$17.99 .....	232				232
\$18 to \$20.99 .....	74				74
\$21 to \$24.99 .....	23				23
\$25 and over .....	5				5
<b>Totals</b> .....	960		4		964

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	993		993
February .....	985		985
March .....	1,075		1,075
April .....	1,317		1,317
May .....	1,369		1,369
June .....	1,376		1,376
July .....	1,279		1,279
August .....	1,122		1,122
September .....	1,060		1,060
October .....	925		925
November .....	812		812
December .....	782		782



**TABLE No. 16. BUTTER.**  
(12 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	21	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	15	10
Under 18 years of age.....		
Totals.....	36	10
Wage earners:		
18 years of age and over.....	174	23
Under 18 years of age.....	1	
Totals.....	175	23
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$36,227 00
Clerks, stenographers, salesmen, etc.....		24,652 00
Wage earners (including piece workers).....		199,885 00
<b>Total .....</b>		<b>\$260,764 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....		1			1
\$8 to \$8.99.....	1	15	1		17
\$9 to \$9.99.....		2			2
\$10 to \$10.99.....	2				2
\$11 to \$11.99.....	3				3
\$12 to \$12.99.....	10	2			12
\$13 to \$13.99.....					
\$14 to \$14.99.....	6				6
\$15 to \$17.99.....	50	3			53
\$18 to \$20.99.....	37				37
\$21 to \$24.99.....	16				16
\$25 and over.....	49				49
Totals.....	174	23	1		198

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	164	20	184
February.....	153	18	171
March.....	173	20	193
April.....	196	23	219
May.....	210	23	233
June.....	219	24	243
July.....	220	25	245
August.....	212	29	241
September.....	202	22	224
October.....	197	21	218
November.....	183	21	204
December.....	165	24	189

**TABLE No. 17. CANS, TIN.**  
(6 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	19	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	18	10
Under 18 years of age.....		
<b>Totals</b> .....	<b>37</b>	<b>10</b>
<b>Wage earners:</b>		
18 years of age and over.....	710	99
Under 18 years of age.....	64	10
<b>Totals</b> .....	<b>774</b>	<b>109</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$36,733 00
Clerks, stenographers, salesmen, etc.....		26,310 00
Wage earners (including piece workers).....		591,325 00
<b>Total</b> .....		<b>\$654,368 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....		1			1
\$5 to \$5.99 .....		3			5
\$6 to \$6.99 .....	11	13	9	3	36
\$7 to \$7.99 .....	22	14	25	1	62
\$8 to \$8.99 .....	22	16	5		43
\$9 to \$9.99 .....	72	17	23	4	116
\$10 to \$10.99 .....	67	16	1	1	85
\$11 to \$11.99 .....	62	10			72
\$12 to \$12.99 .....	82	5			87
\$13 to \$13.99 .....	113	2			115
\$14 to \$14.99 .....	21				21
\$15 to \$17.99 .....	127	2			129
\$18 to \$20.99 .....	37				37
\$21 to \$24.99 .....	37				37
\$25 and over.....	37				37
<b>Totals</b> .....	<b>710</b>	<b>99</b>	<b>64</b>	<b>10</b>	<b>883</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	635	96	731
February .....	623	94	717
March .....	755	106	861
April .....	804	116	920
May .....	782	122	904
June .....	939	122	1,061
July .....	907	122	1,029
August .....	944	122	1,066
September .....	975	122	1,097
October .....	744	118	862
November .....	596	101	697
December .....	467	101	568

TABLE No. 18. CARBONATED BEVERAGES.

(9 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	18	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	6	6
Under 18 years of age.....		
Totals.....	24	6
Wage earners:		
18 years of age and over.....	89	
Under 18 years of age.....		
Total.....	89	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$38,330 00
Clerks, stenographers, salesmen, etc.....		13,000 00
Wage earners (including piece workers).....		87,478 00
Total.....		\$138,806 00

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	13				13
\$13 to \$13.99.....	4				4
\$14 to \$14.99.....	2				2
\$15 to \$17.99.....	23				23
\$18 to \$20.99.....	18				18
\$21 to \$24.99.....	19				19
\$25 and over.....	10				10
Totals.....	89				89

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	88		88
February.....	88		88
March.....	86		86
April.....	89		89
May.....	100		100
June.....	100		100
July.....	107		107
August.....	112		112
September.....	121		121
October.....	152		152
November.....	112		112
December.....	89		89

**TABLE No. 19. CARRIAGES AND WAGONS AND MATERIALS.**  
(7 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
Salaried:		
Officers, superintendents and managers.....	11	3
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	1	
Under 18 years of age.....		
Totals.....	12	3
Wage earners:		
18 years of age and over.....	71	
Under 18 years of age.....	3	
Total.....	74	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$15,708 00
Clerks, stenographers, salesmen, etc.....	3,040 00
Wage earners (including piece workers).....	61,613 00
Total.....	\$80,361 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....			1		1
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....			1		1
\$10 to \$10.99.....			1		1
\$11 to \$11.99.....					
\$12 to \$12.99.....	2				2
\$13 to \$13.99.....	7				7
\$14 to \$14.99.....					
\$15 to \$17.99.....	15				15
\$18 to \$20.99.....	16				16
\$21 to \$24.99.....	26				26
\$25 and over.....	5				5
Totals.....	71		3		74

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	71		71
February.....	75		75
March.....	76		76
April.....	78		78
May.....	83		83
June.....	81		81
July.....	75		75
August.....	75		75
September.....	73		73
October.....	73		73
November.....	72		72
December.....	61		61

**TABLE No. 20. CASKETS AND UNDERTAKERS' SUPPLIES.**  
(7 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	12	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	39	8
Under 18 years of age.....		1
<b>Totals</b> .....	51	11
<b>Wage earners:</b>		
18 years of age and over.....	103	29
Under 18 years of age .....		1
<b>Totals</b> .....	103	30
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$36,997 (0)
Clerks, stenographers, salesmen, etc. ....		40,504 (0)
Wage earners (including piece workers) .....		168,141 (0)
<b>Total</b> .....		\$185,642 (0)

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1	5		1	7
\$7 to \$7.99 .....	1	3			4
\$8 to \$8.99 .....		6			6
\$9 to \$9.99 .....	7	2			9
\$10 to \$10.99 .....	2	2			4
\$11 to \$11.99 .....		5			5
\$12 to \$12.99 .....	9	2			11
\$13 to \$13.99 .....	5				5
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	17	2			19
\$18 to \$20.99 .....	29	1			30
\$21 to \$24.99 .....	28				28
\$25 and over .....	4	1			5
<b>Totals</b> .....	103	29		1	133

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	105	30	135
February .....	104	31	135
March .....	105	34	139
April .....	103	32	135
May .....	103	30	133
June .....	99	32	131
July .....	95	29	124
August .....	96	28	124
September .....	99	30	129
October .....	101	27	128
November .....	99	32	131
December .....	101	32	133

**TABLE No. 21. CEMENT.**  
(7 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	50	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	272	24
Under 18 years of age.....	4	
<b>Totals</b> .....	326	25
<b>Wage earners:</b>		
18 years of age and over .....	2,891	
Under 18 years of age.....	3	
<b>Total</b> .....	2,894	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$203,853 00
Clerks, stenographers, salesmen, etc. ....		318,538 00
Wage earners (including piece workers) .....		1,841,875 00
<b>Total</b> .....		\$2,364,266 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....	9				9
\$9 to \$9.99 .....	20				20
\$10 to \$10.99 .....	84	1			85
\$11 to \$11.99 .....	305				305
\$12 to \$12.99 .....	149				149
\$13 to \$13.99 .....	318				318
\$14 to \$14.99 .....	555	1			556
\$15 to \$17.99 .....	601				601
\$18 to \$20.99 .....	218				218
\$21 to \$24.99 .....	434	1			435
\$25 and over .....	198				198
<b>Totals</b> .....	2,891	3			2,894

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	2,269	3	2,272
February .....	2,517	3	2,520
March .....	2,651	3	2,654
April .....	2,535	3	2,538
May .....	2,439	3	2,442
June .....	2,323	3	2,326
July .....	2,368	3	2,371
August .....	2,439	3	2,442
September .....	2,594	3	2,597
October .....	2,578	3	2,581
November .....	2,893	3	2,896
December .....	2,907	3	2,910

**TABLE No. 22. CHEMICALS (including chemical fertilizers).**  
(17 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	31	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	69	17
Under 18 years of age.....		
<b>Totals</b> .....	<b>100</b>	<b>17</b>
<b>Wage earners:</b>		
18 years of age and over.....	341	11
Under 18 years of age.....		
<b>Totals</b> .....	<b>341</b>	<b>11</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$70,985 00
Clerks, stenographers, salesmen, etc.....	90,049 00
Wage earners (including piece workers).....	268,378 00
<b>Total</b> .....	<b>\$430,422 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....		2			2
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	1	1			2
\$10 to \$10.99 .....		2			2
\$11 to \$11.99 .....		3			3
\$12 to \$12.99 .....	23	3			26
\$13 to \$13.99 .....	18				18
\$14 to \$14.99 .....	27				27
\$15 to \$17.99 .....	104				104
\$18 to \$20.99 .....	15				15
\$21 to \$24.99 .....	99				99
\$25 and over .....	54				54
<b>Totals</b> .....	<b>341</b>	<b>11</b>			<b>352</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	307	11	318
February .....	310	11	321
March .....	314	11	325
April .....	311	11	322
May .....	293	11	304
June .....	307	11	318
July .....	283	11	294
August .....	262	11	273
September .....	305	11	316
October .....	326	11	337
November .....	326	11	337
December .....	341	11	352

**TABLE No. 23. CLOTHING, MEN'S.**  
(17 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	28	5
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	65	29
Under 18 years of age.....	3	5
<b>Totals .....</b>	<b>96</b>	<b>39</b>
<b>Wage earners:</b>		
18 years of age and over.....	178	1,519
Under 18 years of age.....	9	34
<b>Totals .....</b>	<b>187</b>	<b>1,553</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$78,010 00
Clerks, stenographers, salesmen, etc.....	120,617 00
Wage earners (including piece workers).....	860,073 00
<b>Total .....</b>	<b>\$1,058,700 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		92		1	93
\$4 to \$4.99.....		47		2	49
\$5 to \$5.99.....		78	1	3	82
\$6 to \$6.99.....	2	113	2	13	130
\$7 to \$7.99.....	3	137	2	7	149
\$8 to \$8.99.....	1	165	2	3	171
\$9 to \$9.99.....	10	192	1		203
\$10 to \$10.99.....	10	188		2	200
\$11 to \$11.99.....	1	140	1	3	145
\$12 to \$12.99.....	23	126			149
\$13 to \$13.99.....	7	78			85
\$14 to \$14.99.....	7	61			68
\$15 to \$17.99.....	25	69			94
\$18 to \$20.99.....	20	28			48
\$21 to \$24.99.....	57	3			60
\$25 and over.....	12	2			14
<b>Totals .....</b>	<b>178</b>	<b>1,519</b>	<b>9</b>	<b>34</b>	<b>1,740</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	575	1,362	1,937
February.....	570	1,378	1,948
March.....	568	1,447	2,015
April.....	564	1,377	1,941
May.....	557	1,397	1,954
June.....	554	1,315	1,869
July.....	496	1,256	1,752
August.....	449	1,225	1,674
September.....	455	1,200	1,655
October.....	429	1,247	1,676
November.....	434	1,307	1,741
December.....	430	1,306	1,736



**TABLE No. 24. CLOTHING, WOMEN'S.**  
(16 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	20	3
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	12	15
Under 18 years of age.....	1	
<b>Totals .....</b>	<b>33</b>	<b>18</b>
<b>Wage earners:</b>		
18 years of age and over.....	69	305
Under 18 years of age.....	1	6
<b>Totals .....</b>	<b>70</b>	<b>311</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$48,595 00
Clerks, stenographers, salesmen, etc.....		\$22,282 00
Wage earners (including piece workers).....		206,146 00
<b>Total .....</b>		<b>\$277,023 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		1			1
\$4 to \$4.99.....		4		1	5
\$5 to \$5.99.....	1	15		3	19
\$6 to \$6.99.....		32			32
\$7 to \$7.99.....	2	28			30
\$8 to \$8.99.....	1	45		2	48
\$9 to \$9.99.....		38			38
\$10 to \$10.99.....		39			39
\$11 to \$11.99.....		21			21
\$12 to \$12.99.....	6	25			31
\$13 to \$13.99.....		11			11
\$14 to \$14.99.....	2	13			15
\$15 to \$17.99.....	11	24			35
\$18 to \$20.99.....	11	5	1		17
\$21 to \$24.99.....	13	2			15
\$25 and over.....	22	2			24
<b>Totals .....</b>	<b>69</b>	<b>305</b>	<b>1</b>	<b>6</b>	<b>381</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	72	301	373
February.....	88	336	424
March.....	98	341	439
April.....	93	337	430
May.....	96	335	431
June.....	90	315	405
July.....	98	310	408
August.....	93	325	418
September.....	60	332	392
October.....	70	341	411
November.....	75	323	398
December.....	64	287	351

**TABLE No. 25. CONFECTIONERY.**  
(28 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	56	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	171	55
Under 18 years of age.....		
<b>Totals .....</b>	<b>227</b>	<b>56</b>
<b>Wage earners:</b>		
18 years of age and over.....	668	1,111
Under 18 years of age.....	15	29
<b>Totals .....</b>	<b>683</b>	<b>1,140</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$127,275 00
Clerks, stenographers, salesmen, etc.....		277,778 60
Wage earners (including piece workers).....		785,965 60
<b>Total .....</b>		<b>\$1,191,018 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
<b>Under \$4.....</b>					
\$4 to \$4.99.....		1	1	4	6
\$5 to \$5.99.....		94	3	7	104
\$6 to \$6.99.....	4	227	4	7	242
\$7 to \$7.99.....	8	207	5	3	223
\$8 to \$8.99.....	13	164		8	185
\$9 to \$9.99.....	48	137	2		187
\$10 to \$10.99.....	69	112			181
\$11 to \$11.99.....	25	37			62
\$12 to \$12.99.....	94	56			150
\$13 to \$13.99.....	59	16			75
\$14 to \$14.99.....	27	16			43
\$15 to \$17.99.....	131	30			161
\$18 to \$20.99.....	99	11			110
\$21 to \$24.99.....	49	1			50
\$25 and over.....	42	2			44
<b>Totals .....</b>	<b>668</b>	<b>1,111</b>	<b>15</b>	<b>29</b>	<b>1,823</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	582	812	1,394
February.....	596	811	1,407
March.....	617	835	1,452
April.....	611	809	1,420
May.....	616	887	1,503
June.....	599	825	1,424
July.....	591	828	1,419
August.....	640	881	1,521
September.....	659	910	1,569
October.....	688	939	1,627
November.....	719	1,006	1,725
December.....	696	1,141	1,837

TABLE No. 26. COOPERAGE AND WOODEN GOODS, NOT ELSEWHERE SPECIFIED.

(20 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers .....	30	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	20	15
Under 18 years of age .....		
Totals .....	50	16
Wage earners:		
18 years of age and over .....	296	17
Under 18 years of age .....	10	5
Totals .....	306	22
Salary and wage payments—annual:		
Officers, superintendents and managers .....		\$49,813 00
Clerks, stenographers, salesmen, etc. ....		24,440 00
Wage earners (including piece workers) .....		255,376 00
Total .....		\$329,629 00

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					6
\$5 to \$5.99 .....	2	2	2		6
\$6 to \$6.99 .....	1	4	1	4	10
\$7 to \$7.99 .....	5	9	4	1	19
\$8 to \$8.99 .....	4	2	1		7
\$9 to \$9.99 .....	6				6
\$10 to \$10.99 .....	14		2		16
\$11 to \$11.99 .....	15				15
\$12 to \$12.99 .....	9				9
\$13 to \$13.99 .....	10				10
\$14 to \$14.99 .....	3				3
\$15 to \$17.99 .....	73				73
\$18 to \$20.99 .....	40				40
\$21 to \$24.99 .....	79				79
\$25 and over .....	35				35
Totals .....	296	17	10	5	328

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	262	15	277
February .....	264	23	287
March .....	278	26	304
April .....	288	22	310
May .....	282	20	302
June .....	268	22	290
July .....	287	22	309
August .....	305	22	327
September .....	335	22	357
October .....	325	22	347
November .....	346	26	372
December .....	304	22	326

**TABLE No. 27. ELECTRICAL MACHINERY, APPARATUS AND SUPPLIES.**  
(17 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	29	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	115	102
Under 18 years of age .....	4	
<b>Totals .....</b>	<b>148</b>	<b>102</b>
<b>Wage earners:</b>		
18 years of age and over .....	578	283
Under 18 years of age .....	16	38
<b>Totals .....</b>	<b>594</b>	<b>321</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$78,249 00
Clerks, stenographers, salesmen, etc. ....		152,746 00
Wage earners (including piece workers) .....		483,541 00
<b>Total .....</b>		<b>\$714,536 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....			1		1
\$4 to \$4.99 .....		4		1	5
\$5 to \$5.99 .....	1	5	3	3	12
\$6 to \$6.99 .....	1	48	7	17	73
\$7 to \$7.99 .....	15	112	2	3	132
\$8 to \$8.99 .....	10	31		7	48
\$9 to \$9.99 .....	42	30	3	2	77
\$10 to \$10.99 .....	138	29		2	169
\$11 to \$11.99 .....	20	7		3	30
\$12 to \$12.99 .....	135	15			150
\$13 to \$13.99 .....	58	1			59
\$14 to \$14.99 .....	8				8
\$15 to \$17.99 .....	47				47
\$18 to \$20.99 .....	28	1			29
\$21 to \$24.99 .....	42				42
\$25 and over .....	33				33
<b>Totals .....</b>	<b>578</b>	<b>283</b>	<b>16</b>	<b>38</b>	<b>915</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	569	274	873
February .....	567	263	830
March .....	563	229	792
April .....	533	246	779
May .....	517	257	774
June .....	573	270	843
July .....	547	280	827
August .....	577	326	903
September .....	582	340	922
October .....	561	332	893
November .....	582	311	893
December .....	594	321	915

**TABLE No. 28. ENGINES, GAS, GASOLINE, ETC.**  
(10 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	30	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	48	9
Under 18 years of age.....	-----	-----
Totals .....	78	9
Wage earners:		
18 years of age and over.....	415	-----
Under 18 years of age.....	18	-----
Total .....	433	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$79,640 00
Clerks, stenographers, salesmen, etc.....	81,321 00
Wage earners (including piece workers).....	451,507 00
Total .....	\$612,468 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	-----	-----	1	-----	1
\$4 to \$4.99 .....	5	-----	2	-----	7
\$5 to \$5.99 .....	7	-----	3	-----	10
\$6 to \$6.99 .....	1	-----	9	-----	10
\$7 to \$7.99 .....	6	-----	-----	-----	6
\$8 to \$8.99 .....	9	-----	1	-----	10
\$9 to \$9.99 .....	8	-----	-----	-----	8
\$10 to \$10.99 .....	9	-----	-----	-----	9
\$11 to \$11.99 .....	4	-----	-----	-----	4
\$12 to \$12.99 .....	15	-----	-----	-----	15
\$13 to \$13.99 .....	20	-----	-----	-----	20
\$14 to \$14.99 .....	2	-----	-----	-----	2
\$15 to \$17.99 .....	61	-----	-----	-----	61
\$18 to \$20.99 .....	27	-----	-----	-----	27
\$21 to \$24.99 .....	210	-----	-----	-----	210
\$25 and over.....	31	-----	-----	-----	31
Totals .....	415	-----	16	-----	431

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	528	-----	528
February .....	516	-----	516
March .....	525	-----	525
April .....	517	-----	517
May .....	540	-----	540
June .....	537	-----	537
July .....	533	-----	533
August .....	486	-----	486
September .....	440	-----	440
October .....	428	-----	428
November .....	446	-----	446
December .....	433	-----	433

**TABLE No. 29. EXPLOSIVES.**  
(7 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	33	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	61	9
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	<b>94</b>	<b>9</b>
<b>Wage earners:</b>		
18 years of age and over.....	739	63
Under 18 years of age.....	12	-----
<b>Totals</b> .....	<b>751</b>	<b>63</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$96,100 00
Clerks, stenographers, salesmen, etc.....	85,294 00
Wage earners (including piece workers).....	580,553 00
<b>Total</b> .....	<b>\$761,947 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					1
\$4 to \$4.99.....	1	-----			2
\$5 to \$5.99.....	1	-----	1	-----	5
\$6 to \$6.99.....	1	2	2	-----	48
\$7 to \$7.99.....	7	38	3	-----	21
\$8 to \$8.99.....	10	8	3	-----	41
\$9 to \$9.99.....	35	4	2	-----	49
\$10 to \$10.99.....	48	-----	1	-----	86
\$11 to \$11.99.....	84	2	-----	-----	41
\$12 to \$12.99.....	39	2	-----	-----	48
\$13 to \$13.99.....	48	-----	-----	-----	100
\$14 to \$14.99.....	99	1	-----	-----	157
\$15 to \$17.99.....	156	1	-----	-----	96
\$18 to \$20.99.....	95	3	-----	-----	89
\$21 to \$24.99.....	87	2	-----	-----	28
\$25 and over.....	28	-----	-----	-----	
<b>Totals</b> .....	<b>739</b>	<b>63</b>	<b>12</b>	-----	<b>814</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	759	92	861
February .....	768	86	854
March .....	730	75	805
April .....	689	79	768
May .....	681	81	762
June .....	739	88	827
July .....	736	72	808
August .....	713	62	775
September .....	716	61	777
October .....	721	55	776
November .....	757	63	820
December .....	751	63	814

**TABLE No. 30. FELT AND FELT PRODUCTS.**  
(3 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	5	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	4	11
Under 18 years of age.....		
Totals .....	9	12
Wage earners:		
18 years of age and over.....	170	49
Under 18 years of age.....	5	1
Totals .....	175	50

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$14,385 00
Clerks, stenographers, salesmen, etc.....	9,015 00
Wage earners (including piece workers).....	155,564 00
Total .....	\$178,964 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		1			1
\$4 to \$4.99 .....		1			1
\$5 to \$5.99 .....	2	1			3
\$6 to \$6.99 .....		5	1	1	7
\$7 to \$7.99 .....	3	6	1		10
\$8 to \$8.99 .....	3	16			19
\$9 to \$9.99 .....	9	6	2		17
\$10 to \$10.99 .....	10	4	1		15
\$11 to \$11.99 .....	10	1			11
\$12 to \$12.99 .....	7	2			9
\$13 to \$13.99 .....	13	2			15
\$14 to \$14.99 .....	9				9
\$15 to \$17.99 .....	46	3			49
\$18 to \$20.99 .....	35	1			36
\$21 to \$24.99 .....	9				9
\$25 and over .....	14				14
Totals .....	170	49	5	1	225

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	171	54	225
February .....	173	68	241
March .....	177	85	262
April .....	176	97	273
May .....	166	101	267
June .....	166	115	281
July .....	165	117	282
August .....	162	72	234
September .....	164	79	243
October .....	165	85	250
November .....	169	69	238
December .....	160	53	213

**TABLE No. 31. FLOUR MILL AND GRIST MILL PRODUCTS.**  
(29 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	71	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	360	59
Under 18 years of age .....	-----	-----
<b>Totals .....</b>	<b>431</b>	<b>59</b>
<b>Wage earners:</b>		
18 years of age and over .....	766	58
Under 18 years of age .....	10	-----
<b>Totals .....</b>	<b>776</b>	<b>58</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$193,836 00
Clerks, stenographers, salesmen, etc. ....		513,304 00
Wage earners (including piece workers) .....		679,633 00
<b>Total .....</b>		<b>\$1,386,773 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1	1			2
\$6 to \$6.99 .....		12	2		14
\$7 to \$7.99 .....	1	15	4		20
\$8 to \$8.99 .....		5	2		7
\$9 to \$9.99 .....	2	22	1		25
\$10 to \$10.99 .....	10	1	1		12
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	20	1			21
\$13 to \$13.99 .....	32				32
\$14 to \$14.99 .....	13				13
\$15 to \$17.99 .....	382	1			383
\$18 to \$20.99 .....	240				240
\$21 to \$24.99 .....	57				57
\$25 and over .....	8				8
<b>Totals .....</b>	<b>766</b>	<b>58</b>	<b>10</b>		<b>834</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	810	54	864
February .....	783	56	839
March .....	820	53	873
April .....	763	44	807
May .....	717	47	764
June .....	710	44	754
July .....	740	44	784
August .....	739	44	783
September .....	816	42	858
October .....	796	46	842
November .....	820	51	871
December .....	776	58	834



TABLE No. 32. FOOD PREPARATIONS.

(12 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers .....	17	1
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	19	5
Under 18 years of age .....		
Totals .....	36	6
Wage earners:		
18 years of age and over .....	72	60
Under 18 years of age .....	6	6
Totals .....	78	66
Salary and wage payments—annual:		
Officers, superintendents and managers .....		\$33,394 00
Clerks, stenographers, salesmen, etc. ....		25,260 00
Wage earners (including piece workers) .....		80,753 00
<b>Total .....</b>		<b>\$139,407 00</b>

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....		1		1	2
\$6 to \$6.99 .....	1	18		1	20
\$7 to \$7.99 .....	1	10			11
\$8 to \$8.99 .....		11	4	3	18
\$9 to \$9.99 .....	1	12		1	14
\$10 to \$10.99 .....	4	6			10
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	10	1	2		13
\$13 to \$13.99 .....	3				3
\$14 to \$14.99 .....	2				2
\$15 to \$17.99 .....	31	1			32
\$18 to \$20.99 .....	9				9
\$21 to \$24.99 .....	7				7
\$25 and over .....	2				2
<b>Totals .....</b>	<b>72</b>	<b>60</b>	<b>6</b>	<b>6</b>	<b>144</b>

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	94	69	163
February .....	92	73	165
March .....	91	63	154
April .....	89	61	150
May .....	90	58	148
June .....	88	59	147
July .....	84	52	136
August .....	76	55	131
September .....	79	61	140
October .....	80	64	144
November .....	81	69	150
December .....	82	60	142

**TABLE No. 33. FOUNDRY AND MACHINE SHOP PRODUCTS.**  
(106 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	225	4
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	374	101
Under 18 years of age .....	17	3
<b>Totals .....</b>	<b>616</b>	<b>108</b>
<b>Wage earners:</b>		
18 years of age and over .....	3,234	1
Under 18 years of age .....	88	
<b>Totals .....</b>	<b>3,322</b>	<b>1</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$504,175 00
Clerks, stenographers, salesmen, etc. ....		560,262 00
Wage earners (including piece workers) .....		3,384,403 00
<b>Total .....</b>		<b>\$4,448,840 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1		1		2
\$4 to \$4.99 .....	8	1	14		23
\$5 to \$5.99 .....	12		19		31
\$6 to \$6.99 .....	41		21		62
\$7 to \$7.99 .....	37		4		41
\$8 to \$8.99 .....	33		2		35
\$9 to \$9.99 .....	57		10		67
\$10 to \$10.99 .....	76		9		85
\$11 to \$11.99 .....	23		2		25
\$12 to \$12.99 .....	137		3		140
\$13 to \$13.99 .....	304				304
\$14 to \$14.99 .....	136		1		137
\$15 to \$17.99 .....	570		2		572
\$18 to \$20.99 .....	481				481
\$21 to \$24.99 .....	938				938
\$25 and over .....	380				380
<b>Totals .....</b>	<b>3,234</b>	<b>1</b>	<b>88</b>		<b>3,323</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	3,689	7	3,696
February .....	3,774	7	3,781
March .....	3,909	4	3,913
April .....	3,962	4	3,966
May .....	4,074	8	4,082
June .....	3,863	9	3,872
July .....	3,683	11	3,694
August .....	3,572	7	3,579
September .....	3,393	4	3,397
October .....	3,386	2	3,388
November .....	3,370	2	3,372
December .....	3,281	2	3,283

**TABLE No. 34. FURNITURE, BANK AND STORE FIXTURES, ETC.**  
(41 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	58	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	82	16
Under 18 years of age.....	1	1
<b>Totals</b> .....	141	17
<b>Wage earners:</b>		
18 years of age and over.....	966	13
Under 18 years of age.....	35	3
<b>Totals</b> .....	1,001	16
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$118,231 00
Clerks, stenographers, salesmen, etc.....		101,674 00
Wage earners (including piece workers).....		862,169 00
<b>Total</b> .....		\$1,062,074 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	1	1	-----	-----	2
\$4 to \$4.99.....	1	-----	-----	-----	1
\$5 to \$5.99.....	2	-----	-----	1	3
\$6 to \$6.99.....	6	4	2	-----	12
\$7 to \$7.99.....	11	-----	14	1	26
\$8 to \$8.99.....	6	-----	8	1	15
\$9 to \$9.99.....	32	3	6	-----	41
\$10 to \$10.99.....	21	2	3	-----	26
\$11 to \$11.99.....	4	-----	-----	-----	4
\$12 to \$12.99.....	82	-----	-----	-----	82
\$13 to \$13.99.....	30	-----	1	-----	31
\$14 to \$14.99.....	11	-----	-----	-----	11
\$15 to \$17.99.....	137	3	1	-----	141
\$18 to \$20.99.....	133	-----	-----	-----	133
\$21 to \$24.99.....	246	-----	-----	-----	246
\$25 and over.....	243	-----	-----	-----	243
<b>Totals</b> .....	966	13	35	3	1,017

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	883	15	898
February.....	959	16	975
March.....	913	15	928
April.....	973	16	989
May.....	937	15	952
June.....	951	16	967
July.....	961	14	975
August.....	982	15	997
September.....	1,018	14	1,032
October.....	1,040	14	1,054
November.....	977	15	992
December.....	995	17	1,012

**TABLE No. 35. GAS (in containers).**  
(5 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	9	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	21	9
Under 18 years of age.....		
<b>Totals</b> .....	<b>30</b>	<b>9</b>
<b>Wage earners:</b>		
18 years of age and over.....	38	
Under 18 years of age.....		
<b>Total</b> .....	<b>38</b>	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$15,000 00
Clerks, stenographers, salesmen, etc.....		22,116 00
Wage earners (including piece workers).....		33,805 00
<b>Total</b> .....		<b>\$70,921 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	1				1
\$10 to \$10.99 .....	1				1
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	3				3
\$13 to \$13.99 .....	3				3
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	21				21
\$18 to \$20.99 .....	3				3
\$21 to \$24.99 .....	2				2
\$25 and over.....	3				3
<b>Totals</b> .....	<b>38</b>				<b>38</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	39		39
February .....	38		38
March .....	36		36
April .....	34		34
May .....	39		39
June .....	36		36
July .....	40		40
August .....	38		38
September .....	39		39
October .....	38		38
November .....	38		38
December .....	38		38

**TABLE No. 36. GAS AND ELECTRIC FIXTURES.**  
(10 establishments reporting.)

	Male	Female
Number of employees--		
Salaried:		
Officers, superintendents and managers-----	27	
Clerks, stenographers, salesmen, etc.:-----		
18 years of age and over-----	48	23
Under 18 years of age-----	5	
Totals -----	80	23
Wage earners:		
18 years of age and over-----	193	4
Under 18 years of age-----	12	2
Totals -----	205	6
Salary and wage payments--annual:		
Officers, superintendents and managers-----		\$52,060 00
Clerks, stenographers, salesmen, etc.-----		78,122 00
Wage earners (including piece workers)-----		176,712 00
Total -----		\$306,894 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4-----					
\$4 to \$4.99-----					
\$5 to \$5.99-----					
\$6 to \$6.99-----	4		7	2	13
\$7 to \$7.99-----	8		4		12
\$8 to \$8.99-----	8				8
\$9 to \$9.99-----	8	3	1		12
\$10 to \$10.99-----	6	1			7
\$11 to \$11.99-----	3				3
\$12 to \$12.99-----	20				20
\$13 to \$13.99-----	14				14
\$14 to \$14.99-----	1				1
\$15 to \$17.99-----	27				27
\$18 to \$20.99-----	20				20
\$21 to \$24.99-----	49				49
\$25 and over-----	25				25
Totals -----	193	4	12	2	211

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January-----	250	8	258
February-----	251	8	259
March-----	250	8	258
April-----	239	8	247
May-----	223	7	230
June-----	240	7	247
July-----	235	7	242
August-----	210	7	217
September-----	226	7	233
October-----	216	7	223
November-----	215	6	221
December-----	207	6	213

**TABLE No. 37. GLASS, CUTTING AND ORNAMENTING (including mirrors).**  
(13 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	12	
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	4	5
Under 18 years of age .....		
<b>Totals .....</b>	<b>16</b>	<b>5</b>
<b>Wage earners:</b>		
18 years of age and over .....	101	
Under 18 years of age .....	9	
<b>Total .....</b>	<b>110</b>	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$13,268 00
Clerks, stenographers, salesmen, etc. ....		8,678 00
Wage earners (including piece workers) .....		92,716 00
<b>Total .....</b>		<b>\$114,662 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....			1		1
\$5 to \$5.99 .....					
\$6 to \$6.99 .....			4		4
\$7 to \$7.99 .....	1				1
\$8 to \$8.99 .....	2		1		3
\$9 to \$9.99 .....	3		2		5
\$10 to \$10.99 .....	2		1		3
\$11 to \$11.99 .....	2				2
\$12 to \$12.99 .....	2				2
\$13 to \$13.99 .....	6				6
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	10				10
\$18 to \$20.99 .....	17				17
\$21 to \$24.99 .....	43				43
\$25 and over .....	12				12
<b>Totals .....</b>	<b>101</b>		<b>9</b>		<b>110</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	109		109
February .....	116		116
March .....	117		117
April .....	114		114
May .....	113		113
June .....	118		118
July .....	103		103
August .....	101		101
September .....	98		98
October .....	104		104
November .....	104		104
December .....	106		106

**TABLE No. 38. GLOVES, LEATHER.**

(12 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers .....	35	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	59	30
Under 18 years of age .....	4	
Totals .....	98	31
Wage earners:		
18 years of age and over .....	182	234
Under 18 years of age .....	34	16
Totals .....	216	250
Salary and wage payments—annual:		
Officers, superintendents and managers .....		\$57,841 00
Clerks, stenographers, salesmen, etc. ....		52,840 00
Wage earners (including piece workers) .....		224,053 00
<b>Total</b> .....		<b>\$334,734 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		1		2	3
\$4 to \$4.99 .....	1	10	4	3	18
\$5 to \$5.99 .....		8	5	4	17
\$6 to \$6.99 .....	2	17	7	4	30
\$7 to \$7.99 .....	8	12	5		25
\$8 to \$8.99 .....	6	66	3	1	76
\$9 to \$9.99 .....	15	22	7		44
\$10 to \$10.99 .....	14	38	3		55
\$11 to \$11.99 .....	6	18			24
\$12 to \$12.99 .....	17	18		2	37
\$13 to \$13.99 .....	10	8			18
\$14 to \$14.99 .....	13	5			18
\$15 to \$17.99 .....	34	9			43
\$18 to \$20.99 .....	43	2			45
\$21 to \$24.99 .....	5				5
\$25 and over .....	8				8
Totals .....	182	234	34	16	466

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	202	259	461
February .....	204	263	467
March .....	207	260	467
April .....	208	263	471
May .....	207	261	468
June .....	216	264	480
July .....	210	261	471
August .....	208	262	470
September .....	207	263	470
October .....	205	258	463
November .....	201	259	460
December .....	204	257	461

**TABLE No. 39. GLUE AND TALLOW.**  
(3 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	8	
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	5	3
Under 18 years of age .....		
<b>Totals .....</b>	<b>13</b>	<b>3</b>
<b>Wage earners:</b>		
18 years of age and over .....	77	
Under 18 years of age .....		
<b>Total .....</b>	<b>77</b>	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers .....	\$16,700 00
Clerks, stenographers, salesmen, etc. ....	10,880 00
Wage earners (including piece workers) .....	61,332 00
<b>Total .....</b>	<b>\$88,912 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	1				1
\$10 to \$10.99 .....	8				8
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	5				5
\$13 to \$13.99 .....	14				14
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	24				24
\$18 to \$20.99 .....	10				10
\$21 to \$24.99 .....	12				12
\$25 and over .....	3				3
<b>Totals .....</b>	<b>77</b>				<b>77</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	75		75
February .....	83		83
March .....	91		91
April .....	79		79
May .....	81		81
June .....	75		75
July .....	79		79
August .....	76		76
September .....	75		75
October .....	79		79
November .....	81		81
December .....	77		77



TABLE No. 40. HATS AND CAPS, MEN'S.

(4 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	4	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	2	2
Under 18 years of age.....		
<b>Totals</b> .....	6	2
<b>Wage earners:</b>		
18 years of age and over.....	36	27
Under 18 years of age.....		
<b>Totals</b> .....	36	27
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$8,570 00
Clerks, stenographers, salesmen, etc.....		5,520 00
Wage earners (including piece workers).....		50,173 00
<b>Total</b> .....		\$64,263 00

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		1			1
\$4 to \$4.99.....					
\$5 to \$5.99.....		1			1
\$6 to \$6.99.....					
\$7 to \$7.99.....		2			2
\$8 to \$8.99.....	1	2			3
\$9 to \$9.99.....		3			3
\$10 to \$10.99.....		2			2
\$11 to \$11.99.....		3			3
\$12 to \$12.99.....	8	2			10
\$13 to \$13.99.....		2			2
\$14 to \$14.99.....	1	3			4
\$15 to \$17.99.....	4	6			10
\$18 to \$20.99.....	5				5
\$21 to \$24.99.....	2				2
\$25 and over.....	15				15
<b>Totals</b> .....	36	27			63

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	35	25	60
February.....	35	26	61
March.....	35	27	62
April.....	35	27	62
May.....	36	26	62
June.....	36	26	62
July.....	36	27	63
August.....	35	27	62
September.....	36	27	63
October.....	35	27	62
November.....	36	27	63
December.....	36	27	63

**TABLE No. 41. ICE, MANUFACTURED.**  
(8 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	23	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	13	4
Under 18 years of age.....		
<b>Totals</b> .....	36	4
<b>Wage earners:</b>		
18 years of age and over.....	191	
Under 18 years of age .....		
<b>Total</b> .....	191	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$50,062 00
Clerks, stenographers, salesmen, etc.....	15,359 00
Wage earners (including piece workers).....	204,277 00
<b>Total</b> .....	\$269,718 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	1				1
\$13 to \$13.99 .....	7				7
\$14 to \$14.99 .....	4				4
\$15 to \$17.99 .....	62				62
\$18 to \$20.99 .....	40				40
\$21 to \$24.99 .....	60				60
\$25 and over.....	17				17
<b>Totals</b> .....	191				191

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	190		190
February .....	198		198
March .....	209		209
April .....	234		234
May .....	252		252
June .....	264		264
July .....	312		312
August .....	322		322
September .....	326		326
October .....	274		274
November .....	251		251
December .....	208		208

**TABLE No. 42. IRON AND STEEL, FORGINGS, BOLTS AND NUTS.**  
(5 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	13	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	25	3
Under 18 years of age.....	2	
<b>Totals .....</b>	<b>40</b>	<b>3</b>
<b>Wage earners:</b>		
18 years of age and over.....	222	
Under 18 years of age.....	30	
<b>Total .....</b>	<b>252</b>	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$32,700 00
Clerks, stenographers, salesmen, etc.....		33,140 00
Wage earners (including piece workers).....		248,940 00
<b>Total .....</b>		<b>\$314,780 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....	1		2		3
\$8 to \$8.99.....	1		4		5
\$9 to \$9.99.....	4		10		14
\$10 to \$10.99.....	16		1		17
\$11 to \$11.99.....	2		9		11
\$12 to \$12.99.....	28		1		29
\$13 to \$13.99.....	16		1		17
\$14 to \$14.99.....	9		2		11
\$15 to \$17.99.....	42				42
\$18 to \$20.99.....	29				29
\$21 to \$24.99.....	29				29
\$25 and over.....	45				45
<b>Totals .....</b>	<b>222</b>		<b>30</b>		<b>252</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	305		305
February.....	311		311
March.....	340		340
April.....	323		323
May.....	343		343
June.....	324		324
July.....	332		332
August.....	258		258
September.....	306		306
October.....	279		279
November.....	249		249
December.....	253		253

**TABLE No. 43. IRON AND STEEL, STRUCTURAL AND ORNAMENTAL.**  
(21 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	60	-----
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	83	20
Under 18 years of age .....	11	1
<b>Totals .....</b>	<b>154</b>	<b>21</b>
<b>Wage earners:</b>		
18 years of age and over .....	1,193	10
Under 18 years of age .....	23	-----
<b>Totals .....</b>	<b>1,216</b>	<b>10</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$156,988 00
Clerks, stenographers, salesmen, etc. ....		112,596 00
Wage earners (including piece workers) .....		1,036,818 00
<b>Total .....</b>		<b>\$1,306,402 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		2			2
\$4 to \$4.99 .....		5			5
\$5 to \$5.99 .....			6		6
\$6 to \$6.99 .....	3	3	6		12
\$7 to \$7.99 .....	11		1		12
\$8 to \$8.99 .....	4		4		8
\$9 to \$9.99 .....	5		2		7
\$10 to \$10.99 .....	13		1		14
\$11 to \$11.99 .....	5				5
\$12 to \$12.99 .....	186		2		188
\$13 to \$13.99 .....	77		1		78
\$14 to \$14.99 .....	86				86
\$15 to \$17.99 .....	233				233
\$18 to \$20.99 .....	214				214
\$21 to \$24.99 .....	162				162
\$25 and over .....	164				164
<b>Totals .....</b>	<b>1,193</b>	<b>10</b>	<b>23</b>		<b>1,226</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	1,162	-----	1,162
February .....	1,193	-----	1,193
March .....	1,180	6	1,186
April .....	1,243	8	1,251
May .....	1,322	12	1,334
June .....	1,295	8	1,303
July .....	1,185	9	1,194
August .....	1,151	9	1,160
September .....	1,155	8	1,163
October .....	1,165	7	1,172
November .....	1,152	7	1,159
December .....	1,211	10	1,221

**TABLE No. 44. JEWELRY.**  
(11 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers .....	14	-----
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	29	13
Under 18 years of age .....	1	1
Totals .....	44	14
Wage earners:		
18 years of age and over .....	368	52
Under 18 years of age .....	46	8
Totals .....	414	60
Salary and wage payments—annual:		
Officers, superintendents and managers .....		\$26,275 00
Clerks, stenographers, salesmen, etc. ....		43,144 00
Wage earners (including piece workers) .....		414,754 00
Total .....		\$484,173 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	-----	-----	2	-----	2
\$4 to \$4.99 .....	-----	-----	1	-----	1
\$5 to \$5.99 .....	2	-----	15	-----	17
\$6 to \$6.99 .....	4	3	12	5	24
\$7 to \$7.99 .....	9	6	5	1	21
\$8 to \$8.99 .....	6	11	2	1	20
\$9 to \$9.99 .....	9	5	2	-----	16
\$10 to \$10.99 .....	7	4	3	1	15
\$11 to \$11.99 .....	3	-----	2	-----	5
\$12 to \$12.99 .....	14	3	2	-----	19
\$13 to \$13.99 .....	13	2	-----	-----	15
\$14 to \$14.99 .....	23	6	-----	-----	29
\$15 to \$17.99 .....	33	11	-----	-----	44
\$18 to \$20.99 .....	63	1	-----	-----	64
\$21 to \$24.99 .....	79	-----	-----	-----	79
\$25 and over .....	103	-----	-----	-----	103
Totals .....	368	52	46	8	474

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	424	53	477
February .....	410	54	464
March .....	399	56	455
April .....	384	56	440
May .....	380	55	435
June .....	398	52	450
July .....	371	51	422
August .....	366	51	417
September .....	401	52	453
October .....	414	53	467
November .....	409	56	465
December .....	415	61	476

**TABLE No. 45. KNIT GOODS.**  
(7 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	8	1
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	35	14
Under 18 years of age .....		
<b>Totals</b> .....	<b>43</b>	<b>15</b>
<b>Wage earners:</b>		
18 years of age and over .....	45	306
Under 18 years of age .....	2	8
<b>Totals</b> .....	<b>47</b>	<b>314</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$16,440 00
Clerks, stenographers, salesmen, etc. ....		48,287 00
Wage earners (including piece workers) .....		177,927 00
<b>Total</b> .....		<b>\$242,654 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....		10		1	11
\$6 to \$6.99 .....	2	43	1	5	51
\$7 to \$7.99 .....	2	50		1	53
\$8 to \$8.99 .....	2	40	1		43
\$9 to \$9.99 .....	1	54			55
\$10 to \$10.99 .....	1	32			33
\$11 to \$11.99 .....	1	9			10
\$12 to \$12.99 .....	4	25		1	30
\$13 to \$13.99 .....		11			11
\$14 to \$14.99 .....		11			11
\$15 to \$17.99 .....	10	16			26
\$18 to \$20.99 .....	3	2			5
\$21 to \$24.99 .....	9	1			10
\$25 and over .....	10	2			12
<b>Totals</b> .....	<b>45</b>	<b>306</b>	<b>2</b>	<b>8</b>	<b>361</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	45	310	355
February .....	44	299	343
March .....	40	298	338
April .....	42	313	355
May .....	44	351	395
June .....	43	333	376
July .....	42	316	358
August .....	36	289	325
September .....	40	288	328
October .....	39	307	346
November .....	46	323	369
December .....	46	317	363

**TABLE No. 46. LEATHER GOODS.**  
(19 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	38	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	81	25
Under 18 years of age.....	4	2
<b>Totals .....</b>	<b>123</b>	<b>28</b>
<b>Wage earners:</b>		
18 years of age and over.....	214	112
Under 18 years of age.....	9	9
<b>Totals .....</b>	<b>223</b>	<b>121</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$70,344 00
Clerks, stenographers, salesmen, etc.....	102,447 00
Wage earners (including piece workers).....	196,461 00
<b>Total .....</b>	<b>\$369,252 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....		2		3	5
\$5 to \$5.99.....		4	2		6
\$6 to \$6.99.....		12	3		15
\$7 to \$7.99.....	3	19	2	6	30
\$8 to \$8.99.....	5	18	2		25
\$9 to \$9.99.....	12	21			33
\$10 to \$10.99.....	7	18			25
\$11 to \$11.99.....	4	5			9
\$12 to \$12.99.....	13	8			21
\$13 to \$13.99.....	18	2			20
\$14 to \$14.99.....	10	2			12
\$15 to \$17.99.....	44	1			45
\$18 to \$20.99.....	55				55
\$21 to \$24.99.....	34				34
\$25 and over.....	9				9
<b>Totals .....</b>	<b>214</b>	<b>112</b>	<b>9</b>	<b>9</b>	<b>344</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	212	88	300
February.....	218	77	295
March.....	219	78	297
April.....	203	88	291
May.....	195	98	293
June.....	195	100	295
July.....	186	103	289
August.....	183	95	278
September.....	198	114	312
October.....	212	122	334
November.....	220	138	358
December.....	221	130	351

**TABLE No. 47. LIQUORS, DISTILLED.**  
(10 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	29	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	54	6
Under 18 years of age.....		
<b>Totals .....</b>	<b>83</b>	<b>6</b>
<b>Wage earners:</b>		
18 years of age and over.....	138	4
Under 18 years of age.....		1
<b>Totals .....</b>	<b>138</b>	<b>5</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$69,802 00
Clerks, stenographers, salesmen, etc.....		53,438 00
Wage earners (including piece workers).....		114,779 00
<b>Total .....</b>		<b>\$238,019 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....		1			1
\$7 to \$7.99 .....	1				1
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....		1			1
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	10	1			11
\$13 to \$13.99 .....	13				13
\$14 to \$14.99 .....	13				13
\$15 to \$17.99 .....	34	1			35
\$18 to \$20.99 .....	34				34
\$21 to \$24.99 .....	15				15
\$25 and over.....	18				18
<b>Totals .....</b>	<b>138</b>	<b>5</b>			<b>143</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	116	5	121
February .....	120	5	125
March .....	125	5	130
April .....	108	5	113
May .....	119	4	123
June .....	123	4	127
July .....	124	5	129
August .....	142	6	148
September .....	147	6	153
October .....	158	6	164
November .....	143	6	149
December .....	135	5	140



**TABLE No. 48. LIQUORS, MALT.**  
(48 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	123	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	197	27
Under 18 years of age.....	9	1
<b>Totals</b> .....	<b>329</b>	<b>29</b>
<b>Wage earners:</b>		
18 years of age and over.....	1,460	
Under 18 years of age.....	3	
<b>Total</b> .....	<b>1,463</b>	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$438,319 00
Clerks, stenographers, salesmen, etc.....		298,196 00
Wage earners (including piece workers).....		1,751,814 00
<b>Total</b> .....		<b>\$2,488,329 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	10				10
\$13 to \$13.99.....	4	1			5
\$14 to \$14.99.....	1	1			2
\$15 to \$17.99.....	52	1			53
\$18 to \$20.99.....	216				216
\$21 to \$24.99.....	549				549
\$25 and over.....	628				628
<b>Totals</b> .....	<b>1,460</b>	<b>3</b>			<b>1,463</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	1,353		1,353
February.....	1,375		1,375
March.....	1,391		1,391
April.....	1,425		1,425
May.....	1,480		1,480
June.....	1,489		1,489
July.....	1,533		1,533
August.....	1,522		1,522
September.....	1,538		1,538
October.....	1,506		1,506
November.....	1,469		1,469
December.....	1,460		1,460

**TABLE No. 49. LIQUORS, VINOUS.**  
(68 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	102	1
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	121	36
Under 18 years of age .....	1	
<b>Totals .....</b>	<b>224</b>	<b>37</b>
<b>Wage earners:</b>		
18 years of age and over .....	915	18
Under 18 years of age .....	1	
<b>Totals .....</b>	<b>916</b>	<b>18</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$234,020 00
Clerks, stenographers, salesmen, etc. ....		159,905 00
Wage earners (including piece workers) .....		537,713 00
<b>Total .....</b>		<b>\$931,638 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....		1	1		2
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1	1			2
\$7 to \$7.99 .....	3	5			8
\$8 to \$8.99 .....	34	2			36
\$9 to \$9.99 .....	15	2			17
\$10 to \$10.99 .....	179	3			182
\$11 to \$11.99 .....	33	1			34
\$12 to \$12.99 .....	151				151
\$13 to \$13.99 .....	135				135
\$14 to \$14.99 .....	15	3			18
\$15 to \$17.99 .....	243				243
\$18 to \$20.99 .....	45				45
\$21 to \$24.99 .....	41				41
\$25 and over .....	20				20
<b>Totals .....</b>	<b>915</b>	<b>18</b>	<b>1</b>		<b>934</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	679	11	690
February .....	697	12	709
March .....	689	13	702
April .....	666	11	677
May .....	646	10	656
June .....	599	10	609
July .....	580	11	591
August .....	708	10	718
September .....	1,550	15	1,565
October .....	1,627	15	1,642
November .....	1,205	10	1,215
December .....	785	10	795

**TABLE No. 50. LUMBER INDUSTRY—PLANING MILLS.**  
(53 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	82	-----
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	91	15
Under 18 years of age .....	3	-----
<b>Totals</b> .....	176	15
<b>Wage earners:</b>		
18 years of age and over .....	1,306	-----
Under 18 years of age .....	30	-----
<b>Total</b> .....	1,336	-----

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers .....	\$167,908 00
Clerks, stenographers, salesmen, etc. ....	150,316 00
Wage earners (including piece workers) .....	1,218,914 00
<b>Total</b> .....	\$1,537,138 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1	-----	-----	-----	1
\$4 to \$4.99 .....	1	-----	-----	-----	1
\$5 to \$5.99 .....	-----	-----	-----	-----	-----
\$6 to \$6.99 .....	3	-----	1	-----	4
\$7 to \$7.99 .....	6	-----	3	-----	9
\$8 to \$8.99 .....	2	-----	-----	-----	2
\$9 to \$9.99 .....	9	-----	16	-----	25
\$10 to \$10.99 .....	27	-----	7	-----	34
\$11 to \$11.99 .....	15	-----	-----	-----	15
\$12 to \$12.99 .....	85	-----	1	-----	86
\$13 to \$13.99 .....	93	-----	-----	-----	93
\$14 to \$14.99 .....	43	-----	-----	-----	43
\$15 to \$17.99 .....	364	-----	2	-----	366
\$18 to \$20.99 .....	191	-----	-----	-----	191
\$21 to \$24.99 .....	255	-----	-----	-----	255
\$25 and over .....	211	-----	-----	-----	211
<b>Totals</b> .....	1,306	-----	30	-----	1,336

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	1,383	-----	1,383
February .....	1,406	-----	1,406
March .....	1,373	-----	1,373
April .....	1,393	-----	1,393
May .....	1,524	-----	1,524
June .....	1,450	-----	1,450
July .....	1,372	-----	1,372
August .....	1,278	-----	1,278
September .....	1,324	-----	1,324
October .....	1,285	-----	1,285
November .....	1,261	-----	1,261
December .....	1,282	-----	1,282

**TABLE No. 51. LUMBER INDUSTRY—SASH AND DOOR MILLS, AND HOUSE FINISH.**  
(48 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	94	1
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	187	28
Under 18 years of age .....	1	
<b>Totals .....</b>	<b>282</b>	<b>29</b>
<b>Wage earners:</b>		
18 years of age and over .....	2,188	
Under 18 years of age .....	68	
<b>Total .....</b>	<b>2,256</b>	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$210,333 00
Clerks, stenographers, salesmen, etc. ....		249,037 00
Wage earners (including piece workers) .....		2,244,249 00
<b>Total .....</b>		<b>\$2,703,619 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....	1				1
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	5		7		12
\$7 to \$7.99 .....	15		23		38
\$8 to \$8.99 .....	2		3		5
\$9 to \$9.99 .....	65		22		87
\$10 to \$10.99 .....	82		5		87
\$11 to \$11.99 .....	3				3
\$12 to \$12.99 .....	219		7		226
\$13 to \$13.99 .....	199		1		200
\$14 to \$14.99 .....	17				17
\$15 to \$17.99 .....	328				328
\$18 to \$20.99 .....	373				373
\$21 to \$24.99 .....	504				504
\$25 and over .....	375				375
<b>Totals .....</b>	<b>2,188</b>		<b>68</b>		<b>2,256</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	2,664		2,664
February .....	2,672		2,672
March .....	2,656		2,656
April .....	2,577		2,577
May .....	2,554		2,551
June .....	2,536		2,536
July .....	2,488		2,488
August .....	2,453		2,453
September .....	2,524		2,524
October .....	2,408		2,408
November .....	2,355		2,355
December .....	2,251		2,251

TABLE No. 52. LUMBER INDUSTRY—SAW MILLS AND LOGGING OPERATIONS.

(52 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	176	2
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	289	28
Under 18 years of age.....	1	
Totals.....	466	30
Wage earners:		
18 years of age and over.....	8,682	146
Under 18 years of age.....	76	13
Totals.....	8,758	159

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$561,741 00
Clerks, stenographers, salesmen, etc.....	402,219 00
Wage earners (including piece workers).....	8,337,656 00
Total.....	\$9,301,616 00

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	2				2
\$4 to \$4.99.....	2		1		3
\$5 to \$5.99.....	3	1		1	5
\$6 to \$6.99.....	9	81	17	10	117
\$7 to \$7.99.....	18	13	8		39
\$8 to \$8.99.....	72	6	6		84
\$9 to \$9.99.....	152	8	7		167
\$10 to \$10.99.....	512	16	25	2	555
\$11 to \$11.99.....	400	8	3		411
\$12 to \$12.99.....	1,138	3	6		1,147
\$13 to \$13.99.....	1,220	2	3		1,225
\$14 to \$14.99.....	406				406
\$15 to \$17.99.....	2,219	6			2,225
\$18 to \$20.99.....	1,282	1			1,283
\$21 to \$24.99.....	682				682
\$25 and over.....	565	1			566
Totals.....	8,682	146	76	13	8,917

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	7,825	99	7,924
February.....	8,056	106	8,162
March.....	9,268	117	9,385
April.....	12,390	117	12,507
May.....	13,997	114	14,111
June.....	14,120	131	14,251
July.....	14,688	137	14,825
August.....	13,837	135	13,972
September.....	13,025	122	13,147
October.....	11,496	126	11,622
November.....	9,583	125	9,708
December.....	7,775	153	7,928

**TABLE No. 53. LUMBER INDUSTRY—SHINGLE MILLS.**  
(6 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	7	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....		3
Under 18 years of age.....		
<b>Totals</b> .....	<b>7</b>	<b>3</b>
<b>Wage earners:</b>		
18 years of age and over.....	226	
Under 18 years of age.....		
<b>Total</b> .....	<b>226</b>	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$7,430 00
Clerks, stenographers, salesmen, etc.....		1,705 00
Wage earners (including piece workers).....		78,774 00
<b>Total</b> .....		<b>\$87,909 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....		4			4
\$10 to \$10.99.....		8			8
\$11 to \$11.99.....		3			3
\$12 to \$12.99.....		8			8
\$13 to \$13.99.....		21			21
\$14 to \$14.99.....		16			16
\$15 to \$17.99.....		74			74
\$18 to \$20.99.....		64			64
\$21 to \$24.99.....		20			20
\$25 and over.....		8			8
<b>Totals</b> .....		<b>226</b>			<b>226</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	113		113
February.....	101		101
March.....	128		128
April.....	143		143
May.....	172		172
June.....	190		190
July.....	139		139
August.....	120		120
September.....	169		169
October.....	193		193
November.....	118		118
December.....	74		74

**TABLE No. 54. MARBLE AND STONE WORK.**  
(12 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	19	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	28	5
Under 18 years of age.....		
<b>Totals</b> .....	47	5
<b>Wage earners:</b>		
18 years of age and over.....	272	
Under 18 years of age.....	2	
<b>Total</b> .....	274	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$30,915 00
Clerks, stenographers, salesmen, etc.....		36,665 00
Wage earners (including piece workers).....		304,861 00
<b>Total</b> .....		\$372,441 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....			1		1
\$9 to \$9.99.....			1		1
\$10 to \$10.99.....	3				3
\$11 to \$11.99.....					
\$12 to \$12.99.....	5				5
\$13 to \$13.99.....	8				8
\$14 to \$14.99.....	4				4
\$15 to \$17.99.....	47				47
\$18 to \$20.99.....	34				34
\$21 to \$24.99.....	73				73
\$25 and over.....	98				98
<b>Totals</b> .....	272		2		274

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	271		271
February.....	275		275
March.....	325		325
April.....	345		345
May.....	378		378
June.....	342		342
July.....	310		310
August.....	264		264
September.....	280		280
October.....	273		273
November.....	251		251
December.....	258		258

**TABLE No. 55. MATTRESSES AND SPRING BEDS.**  
(11 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	22	2
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	41	16
Under 18 years of age .....		
<b>Totals .....</b>	<b>63</b>	<b>18</b>
<b>Wage earners:</b>		
18 years of age and over .....	355	56
Under 18 years of age .....	18	1
<b>Totals .....</b>	<b>373</b>	<b>57</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$50,140 00
Clerks, stenographers, salesmen, etc. ....		56,186 00
Wage earners (including piece workers) .....		301,220 00
<b>Total .....</b>		<b>\$407,546 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					1
\$4 to \$4.99 .....	1				1
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	2	2	5	1	10
\$7 to \$7.99 .....	4	1	4		9
\$8 to \$8.99 .....	6	6	4		16
\$9 to \$9.99 .....	14	7	2		23
\$10 to \$10.99 .....	15	8	1		24
\$11 to \$11.99 .....	5	10			15
\$12 to \$12.99 .....	50	6	2		58
\$13 to \$13.99 .....	36	10			46
\$14 to \$14.99 .....	23	1			24
\$15 to \$17.99 .....	57	3			60
\$18 to \$20.99 .....	53	1			54
\$21 to \$24.99 .....	69				69
\$25 and over .....	20	1			21
<b>Totals .....</b>	<b>355</b>	<b>56</b>	<b>18</b>	<b>1</b>	<b>430</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	403	63	466
February .....	405	63	468
March .....	391	63	454
April .....	392	57	449
May .....	379	57	436
June .....	374	58	432
July .....	381	55	436
August .....	388	54	442
September .....	380	57	437
October .....	414	59	473
November .....	423	60	483
December .....	373	57	430



**TABLE No. 56. METAL SIGNS, STENCILS AND RUBBER STAMPS.**  
(8 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers -----	19	
Clerks, stenographers, salesmen, etc.: -----		
18 years of age and over -----	32	6
Under 18 years of age -----	7	
Totals -----	48	6
Wage earners:		
18 years of age and over -----	81	8
Under 18 years of age -----	5	2
Totals -----	86	10

Salary and wage payments—annual:	
Officers, superintendents and managers -----	\$43,300 00
Clerks, stenographers, salesmen, etc. -----	37,453 00
Wage earners (including piece workers) -----	79,346 00
Total -----	\$160,099 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 -----					*
\$4 to \$4.99 -----					
\$5 to \$5.99 -----					
\$6 to \$6.99 -----			2		2
\$7 to \$7.99 -----		2			2
\$8 to \$8.99 -----	2		2	2	6
\$9 to \$9.99 -----	3	1			4
\$10 to \$10.99 -----	1	1			2
\$11 to \$11.99 -----					
\$12 to \$12.99 -----	2	2	1		5
\$13 to \$13.99 -----	4	1			5
\$14 to \$14.99 -----					
\$15 to \$17.99 -----	18	1			19
\$18 to \$20.99 -----	19				19
\$21 to \$24.99 -----	9				9
\$25 and over -----	23				23
Totals -----	81	8	5	2	96

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January -----	72	8	80
February -----	78	10	88
March -----	76	9	85
April -----	74	9	83
May -----	74	7	81
June -----	75	8	83
July -----	72	8	80
August -----	73	8	81
September -----	71	10	81
October -----	76	10	86
November -----	75	14	89
December -----	85	10	95

**TABLE No. 57. MILLINERY.**  
(5 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	4	-----
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	5	2
Under 18 years of age .....	1	-----
<b>Totals</b> .....	10	2
<b>Wage earners:</b>		
18 years of age and over .....	50	76
Under 18 years of age .....	2	1
<b>Totals</b> .....	52	77
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$11,800 00
Clerks, stenographers, salesmen, etc. ....		6,373 00
Wage earners (including piece workers) .....		89,066 00
<b>Total</b> .....		\$107,239 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....		6			6
\$6 to \$6.99 .....		4	1		5
\$7 to \$7.99 .....	1	2		1	4
\$8 to \$8.99 .....		4	1		5
\$9 to \$9.99 .....	2	7			9
\$10 to \$10.99 .....	2	7			9
\$11 to \$11.99 .....	1	3			4
\$12 to \$12.99 .....	2	5			7
\$13 to \$13.99 .....	2	2			4
\$14 to \$14.99 .....	2	2			4
\$15 to \$17.99 .....	13	11			24
\$18 to \$20.99 .....	5	14			19
\$21 to \$24.99 .....	16	5			21
\$25 and over .....	4	4			8
<b>Totals</b> .....	50	76	2	1	129

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	53	100	153
February .....	62	137	199
March .....	69	140	209
April .....	58	90	148
May .....	50	54	104
June .....	48	27	75
July .....	62	45	107
August .....	57	70	127
September .....	50	48	98
October .....	51	68	119
November .....	53	54	107
December .....	49	72	121

**TABLE No. 58. OIL STOVES AND OIL BURNING EQUIPMENT.**  
(7 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	11	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	8	6
Under 18 years of age.....	-----	-----
Totals.....	19	6
Wage earners:		
18 years of age and over.....	72	-----
Under 18 years of age.....	1	-----
Total.....	73	-----
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$15,310 00
Clerks, stenographers, salesmen, etc.....		22,696 00
Wage earners (including piece workers).....		68,339 00
Total.....		\$106,345 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	-----	-----	-----	-----
\$4 to \$4.99.....	-----	-----	-----	-----	-----
\$5 to \$5.99.....	-----	-----	-----	-----	-----
\$6 to \$6.99.....	-----	-----	-----	-----	-----
\$7 to \$7.99.....	-----	-----	1	-----	1
\$8 to \$8.99.....	-----	-----	-----	-----	-----
\$9 to \$9.99.....	1	-----	-----	-----	1
\$10 to \$10.99.....	1	-----	-----	-----	1
\$11 to \$11.99.....	-----	-----	-----	-----	-----
\$12 to \$12.99.....	2	-----	-----	-----	2
\$13 to \$13.99.....	2	-----	-----	-----	2
\$14 to \$14.99.....	-----	-----	-----	-----	-----
\$15 to \$17.99.....	8	-----	-----	-----	8
\$18 to \$20.99.....	17	-----	-----	-----	17
\$21 to \$24.99.....	37	-----	-----	-----	37
\$25 and over.....	4	-----	-----	-----	4
Totals.....	72	-----	1	-----	73

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	60	-----	60
February.....	63	-----	63
March.....	67	-----	67
April.....	65	-----	65
May.....	78	-----	78
June.....	76	-----	76
July.....	74	-----	74
August.....	73	-----	73
September.....	61	-----	61
October.....	71	-----	71
November.....	69	-----	69
December.....	73	-----	73

**TABLE No. 59. OIL WELL TOOLS AND SUPPLIES.**

(9 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	25	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	41	17
Under 18 years of age.....	2	
<b>Totals</b> .....	68	17
<b>Wage earners:</b>		
18 years of age and over.....	396	
Under 18 years of age.....	10	
<b>Total</b> .....	406	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$71,740 00
Clerks, stenographers, salesmen, etc.....		65,727 00
Wage earners (including piece workers).....		512,781 00
<b>Total</b> .....		\$650,248 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1				1
\$6 to \$6.99.....	4		2		6
\$7 to \$7.99.....	2		3		5
\$8 to \$8.99.....					
\$9 to \$9.99.....			2		2
\$10 to \$10.99.....	2				2
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....	4				4
\$13 to \$13.99.....	10				10
\$14 to \$14.99.....	2		3		5
\$15 to \$17.99.....	144				144
\$18 to \$20.99.....	40				40
\$21 to \$24.99.....	106				106
\$25 and over.....	80				80
<b>Totals</b> .....	396		10		406

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	570		570
<b>February</b> .....	543		543
<b>March</b> .....	582		582
<b>April</b> .....	617		617
<b>May</b> .....	617		617
<b>June</b> .....	592		592
<b>July</b> .....	574		574
<b>August</b> .....	528		528
<b>September</b> .....	480		480
<b>October</b> .....	455		455
<b>November</b> .....	413		413
<b>December</b> .....	396		396

**TABLE No. 60. PAINT AND VARNISH.**  
(13 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers.....	30	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	39	12
Under 18 years of age.....		
Totals.....	69	12
Wage earners:		
18 years of age and over.....	315	19
Under 18 years of age.....	2	4
Totals.....	317	23

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$85,640 00
Clerks, stenographers, salesmen, etc.....	78,524 00
Wage earners (including piece workers).....	283,803 00
Total.....	\$447,967 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....		5		2	7
\$8 to \$8.99.....		2		1	3
\$9 to \$9.99.....		6		1	9
\$10 to \$10.99.....	3	2	2		7
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	21	1			22
\$13 to \$13.99.....	80	1			81
\$14 to \$14.99.....	19				19
\$15 to \$17.99.....	105	1			106
\$18 to \$20.99.....	37				37
\$21 to \$24.99.....	34	1			35
\$25 and over.....	11				11
Totals.....	315	19	2	4	340

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	304	22	326
February.....	351	22	373
March.....	322	24	346
April.....	349	25	374
May.....	354	22	376
June.....	338	23	361
July.....	357	27	384
August.....	375	26	401
September.....	350	27	377
October.....	337	29	366
November.....	328	31	359
December.....	315	23	338

**TABLE No. 61. PAPER AND PAPER BOARD.**  
(6 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	17	-----
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	11	24
Under 18 years of age .....	-----	-----
<b>Totals .....</b>	<b>28</b>	<b>24</b>
<b>Wage earners:</b>		
18 years of age and over .....	437	60
Under 18 years of age .....	8	27
<b>Totals .....</b>	<b>445</b>	<b>87</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$41,665 00
Clerks, stenographers, salesmen, etc. ....		31,884 00
Wage earners (including piece workers) .....		363,929 00
<b>Total .....</b>		<b>\$437,478 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	-----	-----	-----	-----	-----
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5 to \$5.99 .....	-----	-----	-----	1	1
\$6 to \$6.99 .....	-----	26	1	17	44
\$7 to \$7.99 .....	2	16	3	6	27
\$8 to \$8.99 .....	5	7	3	2	17
\$9 to \$9.99 .....	2	5	-----	1	8
\$10 to \$10.99 .....	6	2	1	-----	9
\$11 to \$11.99 .....	35	3	-----	-----	38
\$12 to \$12.99 .....	58	-----	-----	-----	58
\$13 to \$13.99 .....	55	1	-----	-----	56
\$14 to \$14.99 .....	50	-----	-----	-----	50
\$15 to \$17.99 .....	88	-----	-----	-----	88
\$18 to \$20.99 .....	61	-----	-----	-----	61
\$21 to \$24.99 .....	38	-----	-----	-----	38
\$25 and over .....	37	-----	-----	-----	37
<b>Totals .....</b>	<b>437</b>	<b>60</b>	<b>8</b>	<b>27</b>	<b>532</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	385	73	458
February .....	378	76	454
March .....	418	76	494
April .....	412	79	491
May .....	506	71	577
June .....	422	70	492
July .....	408	79	487
August .....	429	75	504
September .....	427	77	504
October .....	434	103	537
November .....	501	102	603
December .....	465	102	567

**TABLE No. 62. PATENT MEDICINES AND COMPOUNDS AND DRUG-GISTS' PREPARATIONS.**  
(14 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	20	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	69	38
Under 18 years of age.....	5	1
<b>Totals</b> .....	<b>94</b>	<b>39</b>
<b>Wage earners:</b>		
18 years of age and over.....	98	119
Under 18 years of age.....	5	10
<b>Totals</b> .....	<b>103</b>	<b>129</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$50,412 00
Clerks, stenographers, salesmen, etc.....		73,275 00
Wage earners (including piece workers).....		111,346 00
<b>Total</b> .....		<b>\$235,033 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....	1	1			2
\$5 to \$5.99.....					
\$6 to \$6.99.....	9	7		2	18
\$7 to \$7.99.....	2	29	1	4	36
\$8 to \$8.99.....	3	17	1	3	24
\$9 to \$9.99.....	3	27			30
\$10 to \$10.99.....	15	11	2	1	29
\$11 to \$11.99.....	2	8			10
\$12 to \$12.99.....	15	7			22
\$13 to \$13.99.....	8	5			13
\$14 to \$14.99.....	4	1			5
\$15 to \$17.99.....	14	4	1		19
\$18 to \$20.99.....	6	2			8
\$21 to \$24.99.....	4				4
\$25 and over.....	12				12
<b>Totals</b> .....	<b>98</b>	<b>119</b>	<b>5</b>	<b>10</b>	<b>232</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	87	129	216
February.....	90	140	230
March.....	89	135	224
April.....	92	128	220
May.....	89	138	227
June.....	92	136	228
July.....	88	128	216
August.....	83	129	212
September.....	81	124	205
October.....	85	139	224
November.....	89	135	224
December.....	98	131	229

**TABLE No. 63. PHOTO-ENGRAVING, ELECTROTYPING AND STEREO-TYPING.**  
(15 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	24	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	17	15
Under 18 years of age.....	3	-----
<b>Totals</b> .....	<b>54</b>	<b>15</b>
<b>Wage earners:</b>		
18 years of age and over.....	154	27
Under 18 years of age.....	15	-----
<b>Totals</b> .....	<b>169</b>	<b>27</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$69,369 00
Clerks, stenographers, salesmen, etc.....		30,952 00
Wage earners (including piece workers).....		204,157 00
<b>Total</b> .....		<b>\$304,478 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....			1		1
\$5 to \$5.99.....			5		5
\$6 to \$6.99.....	2		3		5
\$7 to \$7.99.....	3	2	5		10
\$8 to \$8.99.....	3				3
\$9 to \$9.99.....	3	2	1		6
\$10 to \$10.99.....	6	5			11
\$11 to \$11.99.....		3			3
\$12 to \$12.99.....	5	1			6
\$13 to \$13.99.....		2			2
\$14 to \$14.99.....	3	1			4
\$15 to \$17.99.....	11	4			15
\$18 to \$20.99.....	13	4			17
\$21 to \$24.99.....	17	1			18
\$25 and over.....	88	2			90
<b>Totals</b> .....	<b>154</b>	<b>27</b>	<b>15</b>		<b>196</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	164	28	192
February.....	163	28	191
March.....	164	26	190
April.....	164	25	189
May.....	165	27	192
June.....	163	29	192
July.....	163	27	190
August.....	166	28	194
September.....	164	29	193
October.....	163	26	189
November.....	161	30	191
December.....	170	30	200



**TABLE No. 64. PRINTING AND PUBLISHING.**  
(195 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers .....	318	14
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	1,136	319
Under 18 years of age .....	29	5
Totals .....	1,483	338
Wage earners:		
18 years of age and over .....	3,330	749
Under 18 years of age .....	200	44
Totals .....	3,530	793
Salary and wage payments—annual:		
Officers, superintendents and managers .....		\$730,398 00
Clerks, stenographers, salesmen, etc. ....		1,563,030 00
Wage earners (including piece workers) .....		3,874,023 00
Total .....		\$6,167,451 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	7	1	5	—	13
\$4 to \$4.99 .....	4	5	13	3	25
\$5 to \$5.99 .....	22	10	20	7	59
\$6 to \$6.99 .....	58	67	51	8	184
\$7 to \$7.99 .....	58	51	36	10	155
\$8 to \$8.99 .....	120	92	32	3	247
\$9 to \$9.99 .....	70	96	15	2	183
\$10 to \$10.99 .....	97	143	12	6	258
\$11 to \$11.99 .....	43	40	6	3	92
\$12 to \$12.99 .....	130	64	4	1	199
\$13 to \$13.99 .....	79	32	3	—	114
\$14 to \$14.99 .....	53	25	—	—	78
\$15 to \$17.99 .....	313	67	2	1	383
\$18 to \$20.99 .....	349	27	—	—	376
\$21 to \$24.99 .....	612	12	1	—	625
\$25 and over .....	1,315	17	—	—	1,332
Totals .....	3,330	749	200	44	4,323

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	3,458	772	4,230
February .....	3,432	762	4,194
March .....	3,557	764	4,321
April .....	3,549	802	4,351
May .....	3,581	773	4,354
June .....	3,535	778	4,313
July .....	3,371	740	4,111
August .....	3,310	782	4,092
September .....	3,384	784	4,168
October .....	3,491	793	4,284
November .....	3,594	842	4,436
December .....	3,529	803	4,332

**TABLE No. 65. ROCK, QUARRYING AND CRUSHING.**  
(20 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	24	-----
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	21	6
Under 18 years of age .....	-----	-----
<b>Totals</b> .....	45	6
<b>Wage earners:</b>		
18 years of age and over .....	340	-----
Under 18 years of age .....	-----	-----
<b>Total</b> .....	340	-----

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers .....	\$69,158 00
Clerks, stenographers, salesmen, etc. ....	27,152 00
Wage earners (including piece workers) .....	329,135 00
<b>Total</b> .....	\$425,445 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	-----	-----	-----	-----	-----
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5 to \$5.99 .....	-----	-----	-----	-----	-----
\$6 to \$6.99 .....	-----	-----	-----	-----	-----
\$7 to \$7.99 .....	-----	-----	-----	-----	-----
\$8 to \$8.99 .....	-----	-----	-----	-----	-----
\$9 to \$9.99 .....	-----	-----	-----	-----	-----
\$10 to \$10.99 .....	1	-----	-----	-----	1
\$11 to \$11.99 .....	-----	-----	-----	-----	-----
\$12 to \$12.99 .....	42	-----	-----	-----	42
\$13 to \$13.99 .....	95	-----	-----	-----	95
\$14 to \$14.99 .....	46	-----	-----	-----	46
\$15 to \$17.99 .....	67	-----	-----	-----	67
\$18 to \$20.99 .....	28	-----	-----	-----	28
\$21 to \$24.99 .....	37	-----	-----	-----	37
\$25 and over .....	24	-----	-----	-----	24
<b>Totals</b> .....	340	-----	-----	-----	340

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	364	-----	364
February .....	393	-----	393
March .....	363	-----	363
April .....	358	-----	358
May .....	371	-----	371
June .....	346	-----	346
July .....	364	-----	364
August .....	376	-----	376
September .....	395	-----	395
October .....	435	-----	435
November .....	334	-----	334
December .....	323	-----	323

**TABLE No. 66. ROOFING MATERIALS AND BUILDING PAPER.**  
(3 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers -----	19	-----
Clerks, stenographers, salesmen, etc.: -----		
18 years of age and over -----	79	23
Under 18 years of age -----	2	-----
Totals -----	100	23
Wage earners:		
18 years of age and over -----	349	3
Under 18 years of age -----	1	-----
Totals -----	350	3
Salary and wage payments—annual:		
Officers, superintendents and managers -----		\$84,460 00
Clerks, stenographers, salesmen, etc. -----		145,131 00
Wage earners (including piece workers) -----		262,765 00
Total -----		\$492,356 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 -----					
\$4 to \$4.99 -----					
\$5 to \$5.99 -----					
\$6 to \$6.99 -----					
\$7 to \$7.99 -----	1				1
\$8 to \$8.99 -----	1				1
\$9 to \$9.99 -----	4	1	1		6
\$10 to \$10.99 -----	11	1			12
\$11 to \$11.99 -----	4				4
\$12 to \$12.99 -----	47				47
\$13 to \$13.99 -----	55				55
\$14 to \$14.99 -----	7				7
\$15 to \$17.99 -----	110				110
\$18 to \$20.99 -----	73				73
\$21 to \$24.99 -----	33	1			34
\$25 and over -----	3				3
Totals -----	349	3	1		353

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January -----	378	3	381
February -----	372	3	375
March -----	355	3	358
April -----	341	3	344
May -----	326	3	329
June -----	340	3	343
July -----	324	3	327
August -----	318	3	321
September -----	342	3	345
October -----	336	3	339
November -----	350	4	354
December -----	350	3	353

**TABLE No. 67. RUBBER GOODS—MECHANICAL, AND RUBBER SPECIALTIES.**

(7 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	22	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	81	6
Under 18 years of age.....	1	-----
<b>Totals</b> .....	104	6
<b>Wage earners:</b>		
18 years of age and over.....	278	17
Under 18 years of age.....	13	-----
<b>Totals</b> .....	291	17
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$48,786 00
Clerks, stenographers, salesmen, etc.....		105,520 00
Wage earners (including piece workers).....		223,297 00
<b>Total</b> .....		\$377,603 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....			2		2
\$7 to \$7.99.....		1			1
\$8 to \$8.99.....	1	1			2
\$9 to \$9.99.....	24	13			37
\$10 to \$10.99.....	14	1			15
\$11 to \$11.99.....					
\$12 to \$12.99.....	58	1	4		63
\$13 to \$13.99.....	27		7		34
\$14 to \$14.99.....					
\$15 to \$17.99.....	76				76
\$18 to \$20.99.....	31				31
\$21 to \$24.99.....	12				12
\$25 and over.....	35				35
<b>Totals</b> .....	278	17	13		308

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	243	17	260
February.....	292	18	310
March.....	290	17	307
April.....	276	16	292
May.....	269	13	282
June.....	273	16	289
July.....	261	15	276
August.....	255	15	270
September.....	230	9	239
October.....	255	16	271
November.....	290	17	307
December.....	295	17	312

**TABLE No. 68. SALT.**  
(7 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	14	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	19	12
Under 18 years of age.....	1	
<b>Totals .....</b>	<b>34</b>	<b>12</b>
<b>Wage earners:</b>		
18 years of age and over.....	176	16
Under 18 years of age.....		2
<b>Totals .....</b>	<b>176</b>	<b>18</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$43,219 00
Clerks, stenographers, salesmen, etc.....		31,661 00
Wage earners (including piece workers).....		143,998 00
<b>Total .....</b>		<b>\$218,878 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$1 .....					
\$1 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....		15		2	17
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....	5				5
\$10 to \$10.99 .....	2				2
\$11 to \$11.99 .....	32				32
\$12 to \$12.99 .....	17				17
\$13 to \$13.99 .....	29				29
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	31				31
\$18 to \$20.99 .....	55				55
\$21 to \$24.99 .....	1				1
\$25 and over.....	3				3
<b>Totals .....</b>	<b>176</b>	<b>16</b>		<b>2</b>	<b>194</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	134	11	145
February .....	133	9	142
March .....	131	11	142
April .....	139	4	143
May .....	155	12	167
June .....	156	11	167
July .....	167	14	181
August .....	184	12	196
September .....	192	12	204
October .....	216	9	225
November .....	207	9	216
December .....	176	18	194

**TABLE No. 69. SHEET METAL PRODUCTS (not including tin cans).**  
(39 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	72	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	74	25
Under 18 years of age.....	3	
<b>Totals</b> .....	149	25
<b>Wage earners:</b>		
18 years of age and over.....	858	2
Under 18 years of age.....	14	
<b>Totals</b> .....	872	2
<b>Salary and wage payments--annual:</b>		
Officers, superintendents and managers.....		\$193,189 00
Clerks, stenographers, salesmen, etc.....		122,609 00
Wage earners (including piece workers).....		854,365 00
<b>Total</b> .....		\$1,170,163 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1		1		2
\$6 to \$6.99.....	1		5		6
\$7 to \$7.99.....	5		3		8
\$8 to \$8.99.....		1			1
\$9 to \$9.99.....	19	1	2		22
\$10 to \$10.99.....	21		1		22
\$11 to \$11.99.....	4				4
\$12 to \$12.99.....	57		1		58
\$13 to \$13.99.....	87				87
\$14 to \$14.99.....	16		1		17
\$15 to \$17.99.....	201				201
\$18 to \$20.99.....	141				141
\$21 to \$24.99.....	158				158
\$25 and over.....	147				147
<b>Totals</b> .....	858	2	14		874

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	945	2	947
February.....	1,023	2	1,025
March.....	1,015	2	1,017
April.....	1,067	2	1,069
May.....	1,214	2	1,216
June.....	1,119	2	1,121
July.....	1,038	2	1,040
August.....	947	2	949
September.....	856	2	858
October.....	888	2	890
November.....	856	2	858
December.....	854	2	856

**TABLE No. 70. SHIPBUILDING (including boat building).**  
(7 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers .....	58	-----
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	117	11
Under 18 years of age .....	8	-----
Totals .....	183	11
Wage earners:		
18 years of age and over .....	2,362	-----
Under 18 years of age .....	53	-----
Total .....	2,415	-----

Salary and wage payments—annual:	
Officers, superintendents and managers .....	\$163,878 00
Clerks, stenographers, salesmen, etc. ....	160,194 00
Wage earners (including piece workers) .....	2,213,295 00
<b>Total .....</b>	<b>\$2,537,367 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....	5	-----	21	-----	26
\$5 to \$5.99 .....	28	-----	22	-----	50
\$6 to \$6.99 .....	34	-----	5	-----	39
\$7 to \$7.99 .....	49	-----		-----	49
\$8 to \$8.99 .....	14	-----		-----	14
\$9 to \$9.99 .....	20	-----		-----	20
\$10 to \$10.99 .....	22	-----		-----	22
\$11 to \$11.99 .....	12	-----		-----	12
\$12 to \$12.99 .....	226	-----	5	-----	231
\$13 to \$13.99 .....	270	-----		-----	270
\$14 to \$14.99 .....	18	-----		-----	18
\$15 to \$17.99 .....	476	-----		-----	476
\$18 to \$20.99 .....	261	-----		-----	261
\$21 to \$24.99 .....	697	-----		-----	697
\$25 and over .....	230	-----		-----	250
Totals .....	2,362	-----	53	-----	2,415

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	2,848	-----	2,848
February .....	2,954	-----	2,954
March .....	2,761	-----	2,761
April .....	2,722	-----	2,722
May .....	2,303	-----	2,303
June .....	2,410	-----	2,410
July .....	1,829	-----	1,829
August .....	1,915	-----	1,915
September .....	1,993	-----	1,993
October .....	2,772	-----	2,772
November .....	2,756	-----	2,756
December .....	2,415	-----	2,415

**TABLE No. 71. SLAUGHTERING AND MEAT PACKING.**  
(21 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	48	2
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	325	23
Under 18 years of age .....	4	
<b>Totals .....</b>	<b>377</b>	<b>25</b>
<b>Wage earners:</b>		
18 years of age and over .....	1,350	40
Under 18 years of age .....	20	7
<b>Totals .....</b>	<b>1,370</b>	<b>47</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$125,729 00
Clerks, stenographers, salesmen, etc. ....		397,293 00
Wage earners (including piece workers) .....		1,098,013 00
<b>Total .....</b>		<b>\$1,621,035 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....		24	9	6	39
\$7 to \$7.99 .....	3	5	8		16
\$8 to \$8.99 .....	9	2	1	1	13
\$9 to \$9.99 .....	28	2			30
\$10 to \$10.99 .....	97	5			102
\$11 to \$11.99 .....	28	1	1		30
\$12 to \$12.99 .....	278		1		279
\$13 to \$13.99 .....	145	1			146
\$14 to \$14.99 .....	34				34
\$15 to \$17.99 .....	315				315
\$18 to \$20.99 .....	202				202
\$21 to \$24.99 .....	139				139
\$25 and over .....	72				72
<b>Totals .....</b>	<b>1,350</b>	<b>40</b>	<b>20</b>	<b>7</b>	<b>1,417</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	1,472	43	1,515
February .....	1,445	46	1,491
March .....	1,461	41	1,502
April .....	1,427	34	1,461
May .....	1,400	42	1,442
June .....	1,389	42	1,431
July .....	1,391	40	1,431
August .....	1,419	45	1,464
September .....	1,455	50	1,505
October .....	1,481	50	1,531
November .....	1,476	44	1,520
December .....	1,389	44	1,433



TABLE No. 72. SMELTING AND REFINING.

(5 establishments reporting.)

	Male	Female
Number of employees—		
Salaried:		
Officers, superintendents and managers .....	14	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	68	11
Under 18 years of age .....	2	-----
Totals .....	84	11
Wage earners:		
18 years of age and over .....	623	8
Under 18 years of age .....	-----	-----
Totals .....	623	8
Salary and wage payments—annual:		
Officers, superintendents and managers .....		\$72,550 00
Clerks, stenographers, salesmen, etc. ....		121,982 00
Wage earners (including piece workers) .....		506,804 00
Total .....		\$701,336 00

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	-----	-----	-----	-----	-----
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5 to \$5.99 .....	-----	-----	-----	-----	-----
\$6 to \$6.99 .....	1	-----	-----	-----	1
\$7 to \$7.99 .....	2	-----	-----	-----	2
\$8 to \$8.99 .....	-----	-----	-----	-----	-----
\$9 to \$9.99 .....	-----	8	-----	-----	8
\$10 to \$10.99 .....	-----	-----	-----	-----	-----
\$11 to \$11.99 .....	1	-----	-----	-----	1
\$12 to \$12.99 .....	27	-----	-----	-----	27
\$13 to \$13.99 .....	125	-----	-----	-----	125
\$14 to \$14.99 .....	16	-----	-----	-----	16
\$15 to \$15.99 .....	273	-----	-----	-----	273
\$16 to \$16.99 .....	38	-----	-----	-----	38
\$17 to \$17.99 .....	84	-----	-----	-----	84
\$18 to \$18.99 .....	56	-----	-----	-----	56
\$19 to \$19.99 .....	-----	-----	-----	-----	-----
\$20 to \$20.99 .....	-----	-----	-----	-----	-----
\$21 to \$21.99 .....	-----	-----	-----	-----	-----
\$22 to \$22.99 .....	-----	-----	-----	-----	-----
\$23 to \$23.99 .....	-----	-----	-----	-----	-----
\$24 to \$24.99 .....	-----	-----	-----	-----	-----
\$25 and over .....	-----	-----	-----	-----	-----
Totals .....	623	8	-----	-----	631

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	560	11	571
February .....	584	12	596
March .....	578	10	588
April .....	549	10	559
May .....	574	9	583
June .....	561	10	571
July .....	584	11	595
August .....	568	9	577
September .....	615	8	623
October .....	592	9	601
November .....	578	16	594
December .....	623	8	631

TABLE No. 73. SOAP, WASHING POWDER, ETC.

(9 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	23	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	45	10
Under 18 years of age.....		
<b>Totals</b> .....	<b>68</b>	<b>10</b>
<b>Wage earners:</b>		
18 years of age and over.....	129	28
Under 18 years of age.....	2	
<b>Totals</b> .....	<b>131</b>	<b>28</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$59,640 00
Clerks, stenographers, salesmen, etc.....		84,547 00
Wage earners (including piece workers).....		106,034 00
<b>Total</b> .....		<b>\$250,221 00</b>

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
<b>Under \$4</b> .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....		1			1
\$6 to \$6.99.....		3			3
\$7 to \$7.99.....					
\$8 to \$8.99.....	1	5	2		8
\$9 to \$9.99.....	2	7			9
\$10 to \$10.99.....	5	3			8
\$11 to \$11.99.....		4			4
\$12 to \$12.99.....	18				18
\$13 to \$13.99.....	20				20
\$14 to \$14.99.....	21	4			25
\$15 to \$17.99.....	34	1			35
\$18 to \$20.99.....	15				15
\$21 to \$24.99.....	9				9
\$25 and over.....	4				4
<b>Totals</b> .....	<b>129</b>	<b>28</b>	<b>2</b>		<b>159</b>

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	125	28	153
February.....	134	39	163
March.....	130	34	164
April.....	135	32	167
May.....	125	30	155
June.....	139	31	170
July.....	131	26	160
August.....	130	27	157
September.....	131	27	158
October.....	128	27	155
November.....	130	28	158
December.....	131	28	159

**TABLE No. 74. STOVES AND FURNACES (not including oil stoves).**  
(7 establishments reporting.)

	Male	Female
<b>Number of employees--</b>		
<b>    Salaried:</b>		
Officers, superintendents and managers.....	15	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	27	6
Under 18 years of age.....		
Totals.....	42	7
<b>    Wage earners:</b>		
18 years of age and over.....	311	
Under 18 years of age.....	2	
Total.....	313	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$30,500 00
Clerks, stenographers, salesmen, etc.....		27,289 00
Wage earners (including piece workers).....		251,732 00
Total.....		\$309,521 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....			2		2
\$8 to \$8.99.....					
\$9 to \$9.99.....	6				6
\$10 to \$10.99.....	5				5
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....	42				42
\$13 to \$13.99.....	7				7
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	33				33
\$18 to \$20.99.....	35				35
\$21 to \$24.99.....	102				102
\$25 and over.....	79				79
Totals.....	311		2		313

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	310		310
February.....	272		272
March.....	274		274
April.....	274		274
May.....	230		230
June.....	244		244
July.....	271		271
August.....	265		265
September.....	270		270
October.....	293		293
November.....	324		324
December.....	313		313

**TABLE No. 75. SUGAR REFINING.**  
(11 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	98	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	302	28
Under 18 years of age.....	6	
<b>Totals</b> .....	406	28
<b>Wage earners:</b>		
18 years of age and over.....	4,114	38
Under 18 years of age.....	1	6
<b>Totals</b> .....	4,115	44
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$385,596 00
Clerks, stenographers, salesmen, etc.....		399,774 00
Wage earners (including piece workers).....		2,333,786 00
<b>Total</b> .....		\$3,119,156 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....		9	1	6	16
\$7 to \$7.99 .....					
\$8 to \$8.99 .....	3				3
\$9 to \$9.99 .....	2	16			18
\$10 to \$10.99 .....	27				27
\$11 to \$11.99 .....	4	2			6
\$12 to \$12.99 .....	40	8			48
\$13 to \$13.99 .....	126				126
\$14 to \$14.99 .....	565	1			566
\$15 to \$17.99 .....	1,656	2			1,658
\$18 to \$20.99 .....	783				783
\$21 to \$24.99 .....	619				619
\$25 and over.....	289				289
<b>Totals</b> .....	4,114	38	1	6	4,159

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	1,818	13	1,831
February .....	2,076	15	2,091
March .....	2,231	17	2,248
April .....	2,266	18	2,284
May .....	2,415	20	2,435
June .....	2,035	4	2,039
July .....	2,968	24	2,992
August .....	4,232	30	4,262
September .....	4,589	44	4,633
October .....	4,445	45	4,490
November .....	2,642	19	2,661
December .....	1,697	4	1,701

**TABLE No. 76. TANNING.**  
(25 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers -----	72	3
Clerks, stenographers, salesmen, etc.: -----		
18 years of age and over -----	41	23
Under 18 years of age -----	1	
<b>Totals -----</b>	<b>114</b>	<b>26</b>
<b>Wage earners:</b>		
18 years of age and over -----	1,219	
Under 18 years of age -----	19	
<b>Total -----</b>	<b>1,238</b>	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers -----	\$170,061 00
Clerks, stenographers, salesmen, etc. -----	56,178 00
Wage earners (including piece workers) -----	877,863 00
<b>Total -----</b>	<b>\$1,104,102 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 -----					
\$4 to \$4.99 -----					
\$5 to \$5.99 -----					
\$6 to \$6.99 -----			3		3
\$7 to \$7.99 -----			6		6
\$8 to \$8.99 -----	1		2		3
\$9 to \$9.99 -----	13		2		15
\$10 to \$10.99 -----	33		3		36
\$11 to \$11.99 -----	27		3		30
\$12 to \$12.99 -----	224				224
\$13 to \$13.99 -----	265				265
\$14 to \$14.99 -----	122				122
\$15 to \$17.99 -----	358				358
\$18 to \$20.99 -----	117				117
\$21 to \$24.99 -----	36				36
\$25 and over -----	23				23
<b>Totals -----</b>	<b>1,219</b>		<b>19</b>		<b>1,238</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January -----	1,239		1,239
February -----	1,223		1,223
March -----	1,219		1,219
April -----	1,327		1,327
May -----	1,183		1,183
June -----	1,164		1,164
July -----	1,088		1,088
August -----	1,155		1,155
September -----	1,170		1,170
October -----	1,182		1,182
November -----	1,214		1,214
December -----	1,238		1,238

**TABLE No. 77. TOBACCO MANUFACTURES.**  
(57 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	29	1
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	135	51
Under 18 years of age .....	1	
<b>Totals .....</b>	<b>165</b>	<b>52</b>
<b>Wage earners:</b>		
18 years of age and over .....	639	385
Under 18 years of age .....	22	34
<b>Totals .....</b>	<b>661</b>	<b>419</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers .....	\$58,730 00
Clerks, stenographers, salesmen, etc. ....	144,069 00
Wage earners (including piece workers) .....	637,105 00
<b>Total .....</b>	<b>\$839,904 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		4	1		5
\$4 to \$4.99 .....	1	7	1		9
\$5 to \$5.99 .....	2	33	2	3	40
\$6 to \$6.99 .....	4	44	10	25	83
\$7 to \$7.99 .....	9	69	5	1	84
\$8 to \$8.99 .....	19	28	3	1	51
\$9 to \$9.99 .....	13	41		2	56
\$10 to \$10.99 .....	15	29		1	45
\$11 to \$11.99 .....	9	50		1	60
\$12 to \$12.99 .....	25	28			53
\$13 to \$13.99 .....	20	17			37
\$14 to \$14.99 .....	71	7			78
\$15 to \$17.99 .....	166	19			185
\$18 to \$20.99 .....	142	6			148
\$21 to \$24.99 .....	86	3			89
\$25 and over .....	57				57
<b>Totals .....</b>	<b>639</b>	<b>385</b>	<b>22</b>	<b>34</b>	<b>1,080</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	577	366	943
February .....	611	414	1,025
March .....	614	382	996
April .....	625	397	1,022
May .....	626	389	1,015
June .....	581	393	974
July .....	584	359	943
August .....	601	385	986
September .....	626	397	1,023
October .....	625	402	1,027
November .....	635	405	1,040
December .....	667	421	1,088

**TABLE No. 78. TRUNKS, VALISES, ETC.**  
(8 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers .....	11	1
Clerks, stenographers, salesmen, etc.: .....		
18 years of age and over .....	15	5
Under 18 years of age .....	1	
<b>Totals .....</b>	<b>27</b>	<b>6</b>
<b>Wage earners:</b>		
18 years of age and over .....	126	30
Under 18 years of age .....	9	1
<b>Totals .....</b>	<b>135</b>	<b>31</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers .....		\$13,656 00
Clerks, stenographers, salesmen, etc. ....		21,969 00
Wage earners (including piece workers) .....		110,778 00
<b>Total .....</b>		<b>\$146,403 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	2	4		1	7
\$6 to \$6.99 .....	3	3	1		7
\$7 to \$7.99 .....	3	4	5		12
\$8 to \$8.99 .....	2	7	2		11
\$9 to \$9.99 .....	1	6	1		8
\$10 to \$10.99 .....	5	3			8
\$11 to \$11.99 .....	5	1			6
\$12 to \$12.99 .....	9				9
\$13 to \$13.99 .....	8	1			9
\$14 to \$14.99 .....	5				5
\$15 to \$17.99 .....	34	1			35
\$18 to \$20.99 .....	37				37
\$21 to \$24.99 .....	11				11
\$25 and over .....	1				1
<b>Totals .....</b>	<b>126</b>	<b>30</b>	<b>9</b>	<b>1</b>	<b>166</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	132	29	161
February .....	132	30	162
March .....	137	31	168
April .....	134	28	162
May .....	138	29	167
June .....	139	30	169
July .....	146	30	176
August .....	144	30	174
September .....	147	33	180
October .....	145	34	179
November .....	141	31	172
December .....	137	30	167

**TABLE No. 79. WINDOW SHADES.**  
(7 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	4	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	6	3
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	10	3
<b>Wage earners:</b>		
18 years of age and over.....	59	9
Under 18 years of age.....	1	-----
<b>Totals</b> .....	60	9
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$10,037 00
Clerks, stenographers, salesmen, etc.....		11,070 00
Wage earners (including piece workers).....		60,144 00
<b>Total</b> .....		\$81,251 00

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....		1			1
\$7 to \$7.99 .....	1	1			2
\$8 to \$8.99 .....	2		1		3
\$9 to \$9.99 .....	1	2			3
\$10 to \$10.99 .....	1	1			2
\$11 to \$11.99 .....	3				3
\$12 to \$12.99 .....	4	2			6
\$13 to \$13.99 .....	6				6
\$14 to \$14.99 .....	2				2
\$15 to \$17.99 .....	11	2			13
\$18 to \$20.99 .....	8				8
\$21 to \$24.99 .....	9				9
\$25 and over.....	11				11
<b>Totals</b> .....	59	9	1		69

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	72	9	81
February .....	67	9	76
March .....	64	10	74
April .....	67	10	77
May .....	66	10	76
June .....	68	9	77
July .....	65	9	74
August .....	63	9	72
September .....	56	9	65
October .....	66	10	76
November .....	62	10	72
December .....	59	9	68



**TABLE No. 80. WIREWORK (including wire rope, netting, etc.).**  
(6 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	13	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	28	5
Under 18 years of age.....		
<b>Totals</b> .....	<b>41</b>	<b>6</b>
<b>Wage earners:</b>		
18 years of age and over.....	186	
Under 18 years of age.....	8	
<b>Total</b> .....	<b>194</b>	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$26,525 00
Clerks, stenographers, salesmen, etc.....		35,619 00
Wage earners (including piece workers).....		146,047 00
<b>Total</b> .....		<b>\$208,191 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....			1		1
\$7 to \$7.99.....	9		5		14
\$8 to \$8.99.....	1		1		2
\$9 to \$9.99.....	7		1		8
\$10 to \$10.99.....	5				5
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	15				15
\$13 to \$13.99.....	24				24
\$14 to \$14.99.....	7				7
\$15 to \$17.99.....	49				49
\$18 to \$20.99.....	39				39
\$21 to \$24.99.....	22				22
\$25 and over.....	6				6
<b>Totals</b> .....	<b>186</b>		<b>8</b>		<b>194</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	198		198
February.....	206		206
March.....	195		195
April.....	199		199
May.....	195		195
June.....	191		191
July.....	173		173
August.....	186		186
September.....	174		174
October.....	172		172
November.....	180		180
December.....	191		191

**TABLE No. 81. \*ALL OTHER INDUSTRIES.**  
(78 establishments reporting.)

	Male	Female
<b>Number of employees—</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	118	3
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	193	71
Under 18 years of age.....	12	3
<b>Totals .....</b>	<b>323</b>	<b>77</b>
<b>Wage earners:</b>		
18 years of age and over.....	2,060	379
Under 18 years of age.....	120	97
<b>Totals .....</b>	<b>2,180</b>	<b>476</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$294,218 00
Clerks, stenographers, salesmen, etc.....		294,014 00
Wage earners (including piece workers).....		1,647,937 00
<b>Total .....</b>		<b>\$2,236,169 00</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 Years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		2			2
\$4 to \$4.99.....		1		20	21
\$5 to \$5.99.....	2	4	10	19	35
\$6 to \$6.99.....	23	53	27	36	139
\$7 to \$7.99.....	14	102	18	10	144
\$8 to \$8.99.....	21	54	10	5	90
\$9 to \$9.99.....	44	23	5		72
\$10 to \$10.99.....	117	68	7	5	197
\$11 to \$11.99.....	36	15	6	1	58
\$12 to \$12.99.....	813	15	22	1	851
\$13 to \$13.99.....	133	14	8		155
\$14 to \$14.99.....	150	7	2		159
\$15 to \$17.99.....	267	15	4		286
\$18 to \$20.99.....	151	4	1		156
\$21 to \$24.99.....	139	1			140
\$25 and over.....	150	1			151
<b>Totals .....</b>	<b>2,060</b>	<b>379</b>	<b>120</b>	<b>97</b>	<b>2,656</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	2,218	661	2,879
February.....	2,232	652	2,884
March.....	2,229	710	2,939
April.....	2,210	698	2,908
May.....	2,153	641	2,794
June.....	2,110	561	2,671
July.....	2,019	556	2,575
August.....	1,179	521	1,700
September.....	1,820	516	2,336
October.....	2,093	578	2,671
November.....	2,137	561	2,698
December.....	2,095	530	2,625

\*See note on following page.

**Industries and Number of Establishments Included in Table No. 81, "All Other Industries."**

Artificial limbs .....	3	Ladies' dress trimmings .....	1
Brooms and brushes .....	3	Limestone and lime .....	2
Cheese .....	1	Loose leaf binders .....	1
Cocoanut oil and cocoanut cake .....	2	Matches .....	1
Cordage .....	1	Metal specialties .....	6
Cotton bedding .....	1	Musical instruments .....	1
Envelopes .....	2	Oak extract .....	1
Evaporated milk .....	1	Ornamental plaster .....	1
Fireworks .....	1	Ostrich feather goods .....	2
Fishing tackle .....	1	Polish and cleaning fluids .....	1
Fur garments .....	5	Poultry foods .....	2
Flavoring extracts, spices, etc. ....	3	Printers' type and rollers .....	4
Galvanizing and electroplating .....	3	Registers and calculating machines ..	5
Glassware, including bottles .....	2	Sidewalk doors and lights .....	3
Hair goods .....	2	Spectacles and lenses .....	3
Hotel and restaurant furnishings ..	1	Springs .....	2
Incubators and brooders .....	1	Textiles .....	1
Laboratory supplies .....	1	Theatrical stage supplies .....	2
Ink and paste .....	5	Wool scouring .....	2

**Seventeenth Biennial Report**

**OF THE**

**Bureau of Labor Statistics**

**OF THE**

**State of California**

**1915-1916**

**JOHN P. McLAUGHLIN, Commissioner**  
**948 Market Street, San Francisco**



**CALIFORNIA STATE PRINTING OFFICE**  
**SACRAMENTO**  
**1916**



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## PERSONNEL.

JOHN P. McLAUGHLIN.....Commissioner

### BUREAU OF LABOR STATISTICS.

#### SAN FRANCISCO:

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 ALBERT T. ROCHE.....Attorney  
 H. A. SCHEEL.....Statistician  
 R. W. BUSH.....Assistant Statistician  
 KATHERINE KELLY.....Chief Stenographer  
 HARRY GORMAN.....Field Agent  
 JOHN P. DENEHY.....Special Agent  
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 J. A. KELLY.....Special Agent  
 MRS. MARY KINGSFORD.....Special Agent  
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 FLORENCE BURNS.....Stenographer  
 NORA O'CALLAGHAN.....Stenographer  
 SARAH H. BYRNE.....Stenographer  
 MARY L. POWERS.....Stenographer  
 ROSE SMITH.....Telephone Operator

#### LOS ANGELES:

\*JOHN J. TOBIN.....Deputy Commissioner  
 HENRY H. LYON.....Deputy Commissioner  
 H. A. CABLE.....Assistant Deputy Commissioner  
 HARRY EPSTEIN.....Special Agent  
 J. J. DOHERTY.....Special Agent  
 MARIE M. KRACHEN.....Special Agent  
 VERA S. FRAYNE.....Stenographer

#### SACRAMENTO:

JOHN S. BLAIR.....Assistant Deputy Commissioner  
 H. W. ZAGOREN.....Stenographer

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### PUBLIC EMPLOYMENT BUREAUS.

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 J. P. O'CONNELL.....Solicitor  
 F. A. WILSON.....Stenographer  
 †N. V. LONGTIN.....Manager  
 †MAY L. HARRINGTON.....Stenographer

#### OAKLAND:

MRS. HELEN POWER.....Manager  
 G. B. HENNO.....Clerk

#### LOS ANGELES:

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 E. H. HANCOCK.....Solicitor  
 E. J. SULLIVAN.....Solicitor

#### SACRAMENTO:

F. E. STAHL.....Manager  
 W. J. JUERGENS.....Interpreter  
 E. PURDY.....Stenographer  
 Department.

## LETTER OF TRANSMITTAL.

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STATE BUREAU OF LABOR STATISTICS,  
SAN FRANCISCO, December 14, 1916.

*His Excellency, HIRAM W. JOHNSON,*  
*Governor of California.*

SIR: I have the honor to submit the Seventeenth Biennial Report of the Bureau.

Respectfully,

JOHN P. McLAUGHLIN,  
Commissioner.





## **ACKNOWLEDGMENT.**

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I desire to express my appreciation to the employers who have co-operated with this bureau, to the public officials who have assisted us in carrying out our work, and to my staff, who have rendered efficient services.

**JOHN P. McLAUGHLIN,**  
Commissioner.



## INTRODUCTION.

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At the close of the past fiscal year the bureau rounded out a little over five years' work under the present administration. During this time the bureau has been raised from a practically unknown and useless institution—although established in 1883—to a useful and important department of the state, commanding the respect and attention of the employers and the public at large. Offices are now maintained in the cities of San Francisco, Los Angeles, Sacramento and San Diego. Our aim has been to see that the men and women who toil should be protected in their rights and that simple justice should be accorded to them.

The results of our work have been most gratifying. We started out to make the bureau a department of service to the public, and we believe that a careful examination of the resumé that follows will show that we have gone a long way in that direction.

The bureau has come to be looked upon as a poor man's court, where the unfortunate toiler without means may secure speedy redress without the expense and "red tape" of the courts. It has also served as an effective medium in the adjustment of many of the irritating disputes that arise in the industrial field, to the benefit of both the employer and the employee. By constant vigilance, it has forced the employer to realize that the labor laws of this state can not be evaded with impunity.

That such an institution as this is a public necessity can no longer be debated. The only question is to provide adequate legislation and the necessary machinery to carry on and extend the work. It is to be hoped that the legislature will make ample provision to carry on a work of such vital importance to the welfare of the workingmen and women of this state.

During last year this department inaugurated the system of free public employment bureaus, with offices in San Francisco, Los Angeles, Oakland and Sacramento. In spite of the adverse criticism surrounding this undertaking by this department, the public employment bureaus have proved to be a wonderful success and are today considered by many as the most efficient in the United States. In the short space of less than nine months since their inception, the public employment bureaus have obtained positions for 38,850 persons, thereby saving to these persons at least \$80,000, which they would have had to pay in fees to private employment agencies. At the present rate and with the present limited number of offices, the public employment bureaus will save to the toilers of this state over \$250,000 within the space of two years. Although in existence only nine months, the four

offices conducted by the state have filled 38,850 positions, while the entire 221 private agencies throughout the state have filled but 153,820 positions in the entire year 1915-16. In other words, the state is now doing almost one-fourth of the business formerly done by private agencies.

The bureau brought about the regulation of private employment agencies, and, between the drastic regulations now in force and the competition of the public employment bureaus, the number of private agencies has been greatly reduced.

The vicious practices formerly perpetrated on the unfortunate persons seeking employment have been wiped out, and the private agents are today compelled to make restitution to any persons suffering losses through their misrepresentation.

During the past five years 3,749 complaints against private agencies have been investigated by the bureau, and \$9,061.79 has been ordered returned to the complainants. These figures, however, do not show the real effectiveness of the bureau, as most of the private agents now endeavor to adjust the complaints before they reach the bureau.

Our records show that during the past year private agencies returned to applicants who did not obtain employment, or to whom conditions were misrepresented, the sum of \$112,020.40, little of which amount would have been refunded were it not for the work of the bureau.

The collection of wages, started by the bureau in 1911, has continued to be one of the most important of its functions. This work was voluntarily undertaken by the bureau upon discovering the need of some place where persons who were unable to obtain their wages could secure assistance. In five years the bureau has received 32,289 claims and has succeeded in collecting \$504,744.63 for the claimants. During the past year alone 10,167 claims were handled and \$179,132.22 in wages collected.

The work of supervising the payment of wages to employees engaged in seasonal labor was initiated by the bureau in 1913, and the examiners of the bureau have secured to employees sent each season to work in the salmon canneries of Alaska over \$250,000 annually for the past four years. In former years these unfortunate toilers were fleeced of most of their earnings by almost every trick and device known to the sharks who prey upon the defenseless.

The bureau has continued in its work of enforcing the labor laws of the state, particularly those relating to women and children. During the past five years the bureau has investigated 41,728 complaints for violation of the labor laws, and during the past year alone 12,336 complaints were investigated.

The mere enacting of labor laws accomplishes but little good. There must be developed in the minds of the public a regard or respect for

such laws, that will prevent them from becoming mere ornaments on the statute books or models for academic discussion. This condition can only be brought about by constant vigilance and by the enforcement of such laws by persons who have a sincerity of purpose and are in sympathy with their work. The record of the work performed by this bureau during the past five years speaks for itself. While all of our labor laws are not models of perfection, they have, however, through the efforts of the bureau, been made realities.

No small part of the work of the bureau during the present administration has been to investigate conditions surrounding industry, and to propose and further the passage of laws seeking to remedy or correct those conditions which were detrimental to the welfare of the toiler.

Several of the important labor laws of the state have been proposed by this department. Many important laws affecting the sanitation of camps, the collection of hospital fees and the safety and welfare of employees in industry, while not under the jurisdiction of the bureau, were nevertheless the outgrowth of the investigations and recommendations by the bureau.

In addition, the bureau has maintained its department of inspections and statistics. It was obliged, however, to forego special investigations and reports on important industries owing to lack of funds.

In Part I of the report is a review of some of the more important functions and accomplishments of the bureau, together with its recommendations.

In Part II is presented the report on the work of the public employment bureaus.

Part III is devoted to statistics of manufactures of organized labor.

#### Record of Complaints Filed With Bureau and Investigated.

Fiscal year ending June 30th	Total complaints filed
1916 .....	12,366
1915 .....	11,448
1914 .....	9,621
1913 .....	4,957
1912 .....	3,336
<b>Total</b> .....	41,728

#### Disposition of Claims Filed for Nonpayment of Wages.

Fiscal year ending June 30th	Claims filed	Claims collected	Amount of wages collected
1916 .....	10,167	5,672	\$179,132 22
1915 .....	9,320	5,249	153,804 20
1914 .....	7,330	4,904	110,911 93
1913 .....	3,573	2,213	36,450 69
1912 .....	1,899	1,292	24,445 59
<b>Totals</b> .....	32,289	19,330	\$504,744 63

## REPORT OF THE BUREAU OF LABOR STATISTICS.

## Disposition of Claims Filed Against Employment Agencies.

Fiscal year ending June 30th	Complaints filed	Fees and expenses ordered returned		New positions furnished	Dismissed
		Number	Amount		
1916 -----	846	578	\$1,508 59	56	212
1915 -----	1,035	678	2,370 15	86	271
1914 -----	923	632	2,328 30	77	214
1913 -----	479	364	1,884 45	47	68
1912 -----	466	365	1,470 30	33	68
Totals -----	3,749	2,617	\$9,061 79	299	833

## Record of Prosecutions Conducted by the Bureau.

Fiscal year ending June 30th	Actions brought	Convictions secured
1916 -----	100	57
1915 -----	79	45
1914 -----	130	70
1913 -----	118	66
1912 -----	173	80
Totals -----	600	318

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## **PART I.**

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# REVIEW.

## PAYMENT OF WAGES.

On November 23, 1914, the Appellate Court of the First Appellate District declared the Wage Law of 1911 unconstitutional, and for a time it seemed as though one of the most important functions of the bureau would be destroyed. However, at the following session of the legislature an amendment was introduced seeking to meet the objections set forth in the decision of the Appellate Court. This amendment was drawn by the Attorney General, at the request of the Governor. The amendment has not as yet been tested in the higher courts. A few cases have gone to the Superior Court, where the law has been sustained. Thus far no appeals have been taken.

One of the features of the amended law is the provision for a penalty in the form of a continuing wage for a period of thirty days when wages are not paid at the time they are due and payable. Wage-earners have not availed themselves of this provision to any extent, possibly on account of the necessity of bringing a civil action to enforce the penalty. Most of the claimants have been satisfied to obtain the actual wages earned. In the case of *Glenn Gass vs. William Brucc*, Judge Graham of the Superior Court of San Francisco upheld the constitutionality of the penalty provision and imposed a penalty of thirty days' wages, or one hundred dollars.

An immense amount of detail work is necessary in the handling of a wage claim, and this branch of our work has been a very heavy drain on the department. This can be readily understood when it is realized that the majority of cases require the bringing together of the parties, hearing the evidence and arriving at a settlement. The number of claimants and the work involved has been steadily increasing, as is shown by the following figures:

Fiscal year 1912—	1,899 claims.....	\$24,445 59 collected
Fiscal year 1913—	3,573 claims.....	36,450 69 collected
Fiscal year 1914—	7,330 claims.....	110,911 93 collected
Fiscal year 1915—	9,320 claims.....	153,804 26 collected
Fiscal year 1916—	10,167 claims.....	179,132 22 collected

One of the greatest difficulties encountered has been claims against contractors. There has been a growing tendency of contractors to accept contracts without the necessary funds to finance themselves and then to throw up the work when they get into difficulties, leaving their labor claims unpaid. These contractors as a rule have no fixed place of business and are execution proof. The unfortunate part of these failures is that a large number of the contracts have been on public works and require going through a great deal of "red tape" and a

delay of considerable time before the wages can be secured from the public treasuries or the bonding companies. The failure of contractors on public works to pay wages has a very bad effect, owing to the fact that the men engaged upon these public works form the impression that the state, county or municipality, for whom the work is being done, is their real employer and is trying to cheat them out of their wages. It is very difficult to endeavor to enlighten them or try to explain to them that they are working for a private employer. Too little attention is paid, in awarding public contracts, to the financial standing and reputation of the contractor. The tendency is to award the contract to the lowest bidder and take a chance on the successful completion of the work. The legislature should provide further safeguards for wages earned on public works, and, if necessary, should establish a weekly pay day on such work and require the deposit by the contractor of cash, equal to one week's pay roll, with the authorities awarding the contract.

A great deal of assistance has been rendered by the bureau to wage claimants filing claims in attachment and bankruptcy proceedings. The bureau has had the necessary forms printed and these have been provided and filled out for the claimants without cost to them.

One of the most important steps to facilitate the settlement of wage claims was the amendments to sections 1999, 2000, 2001, 2002 and 2003 of the Civil Code. These amendments were introduced by the bureau at the last session of the legislature, and under their provisions an employment may be terminated at any time by either an employer or an employee, and in either case the employee shall receive compensation for the actual time employed. These amendments wiped out the inequalities of the old law and put an end to the disputes which continually arose as to the giving of notice of the termination of employment by either party.

Laborers were the largest group among the men filing wage claims. During 1914-15 this group represented 30 per cent of the total and 28 per cent during 1915-16. Farmhands were the next largest group, being 9 per cent of the total in 1914-15 and 11 per cent in 1915-16.

Domestics were the largest group among the women filing wage claims. During 1914-15 this group constituted 24 per cent of the total filing claims, and in 1915-16 they were 21 per cent. Nurse girls and stenographers were the next largest groups. (See Tables I and III.)

Of the industries against which wage claims were filed, construction and general contracting stands out most prominently. In 1914-15 over 21 per cent of the total number of claims were filed against this industry, and in 1915-16 they were 20 per cent. Other industries against which a large number of claims were filed were farming, private homes and restaurants. (See Tables II and IV.)

### PAY CHECK LAW.

The pay check law, prohibiting the issuance in the payment of wages, of any check or evidence of indebtedness unless the same is negotiable and payable upon demand at some bank, or other established place of business, has been a great benefit to the wage-earners of this state. Several attacks were made upon this law in the lower courts, but in every instance the constitutionality of the statute has been sustained. Finally, an action went to the State Supreme Court and in the case of the *People vs. Ballestra*, the law was upheld as constitutional.

Just prior to the opening of the 1915 legislature, the question arose as to whether or not the act was broad enough to prohibit the issuance of nonnegotiable coupon books to employees between pay days, these coupon books being redeemable in merchandise at the commissaries or stores of the employer. The question was submitted to the Attorney General, and his opinion held that it would not be a violation of the law as it then stood to issue coupon books as an advance on wages earned, that is, between the regular pay days. The act was therefore amended and the use of scrip or coupons is prohibited if the same are redeemable otherwise than in money. The act now reads:

“Section 1. (As amended, Stats. 1915, Chap. 628.) No person, firm or corporation shall issue, in payment of or as an evidence of indebtedness for wages due an employee, any order, check memorandum, or other acknowledgment of indebtedness, unless the same is negotiable, and is payable upon demand without discount in cash at some bank or other established place of business in the state; and no person, firm or corporation shall issue in payment of wages due, or wages to become due an employee, or as an advance on wages to be earned by an employee, any scrip, coupons, cards or other thing redeemable in merchandise or purporting to be payable or redeemable otherwise than in money.”

It will be noted that under the provisions of the law, a check for wages may be made payable at some bank or other established place of business in the state. The state of California covers an enormous area and it often works a hardship upon wage-earners to receive a pay check payable five hundred miles away from the place of their employment, particularly when no one at that place wants to cash the checks for them, or if some local merchants will accept them only at a discount. It is often necessary for the employees to send their checks through the bank for collection, and this requires waiting around for a period of from three to five days, and, as may happen in some cases, without the men having the necessary funds to buy food during this waiting time. Many complaints of this nature have come to our attention, particularly from men employed on construction work and in the lumber camps. We believe that the time has come when pay checks should be made payable in the county in which the labor is performed.

**PAYMENT OF WAGES IN SEASONAL EMPLOYMENT.**

The law regulating the payment of wages earned in seasonal employment was introduced in 1913 by this bureau, and sought to regulate, primarily, the conditions surrounding the employment of men sent from San Francisco to work in the salmon canneries of Alaska. The appalling conditions found in our investigations of this industry are set forth in the fifteenth biennial report of the bureau.

Under the provisions of the act, we have maintained a supervision over the men employed in the salmon canneries since the season of 1913. At the close of the canning season of 1913, examiners of this bureau supervised the paying off of 1,382 men who had returned to San Francisco from Alaska. The total amount of wages earned by these men was \$237,447. After allowing for the deductions permitted by the examiners, the men were paid a net average of over \$110 each. At the close of the 1914 season, we supervised the paying off of 1,528 men, the total wages earned by these men was \$259,134, and, after allowing deductions, each man received a net average of \$120. At the close of the 1915 season, we supervised the paying off of 1,566 men, their total earnings being \$264,870, or, a net average of \$121.34 per man. At the close of the 1916 season, we supervised the paying off of 1,574 men, the total earnings being \$279,698, or a net average of \$128 per man. In addition to these net earnings, as given above, the men received \$30 each before sailing for Alaska.

The value of this work is best shown in a comparison between the amount now received by these men on their return to San Francisco and the amount formerly received, as shown in our investigation made in 1912, when it was found that the average amount of money received by these men was less than \$35 at the close of the season. After a considerable amount of effort, we have been able to wipe out most of the corrupt practices formerly surrounding this industry, particularly along the lines of the sale of liquor and gambling. There seems to be an inordinate desire on the part of these men to gamble, and we discovered the fact that many of them purchased their full quota of store supplies and gambled with the provisions as stakes. In the last two seasons the larger canners have agreed with the bureau to limit the store accounts of the men to \$20 each for the season.

Upon conducting a further investigation in 1915, we found that the Chinese contractors had been paying from \$5 to \$7.50 to the so-called bosses for each man they were able to secure for work in the canneries. Upon taking this matter up with the canners and their contractors, they agreed that the practice would cease. The bosses or foremen are usually in the employ of firms that deal in clothing and general merchandise. We notified these firms that we would classify them as

employment agencies if they continued the practice. At the opening of the 1916 season we learned that many of these firms had a new scheme in operation. Their plan was to make every man who desired to work sign up for a suit of clothing ranging in price from \$30 to \$40, these clothes to be delivered upon the return of the men from Alaska and to be paid for out of their season's earnings. We at once took the matter up with the contractors, and the firms agreed not to attach the wages of the men in case they refused to accept the clothes on their return from Alaska. In most instances, these firms kept faith, probably fearing that the contractor would have no further dealings with them if they did not live up to this agreement.

At the last session of the legislature, we introduced a bill exempting the wages of these cannery hands from attachment. The act passed, but had so many riders attached to it that the Governor was obliged to withhold his signature. We shall again introduce a bill, as the practice of attaching the wages of the men is carried on by a coterie of shysters, who even go so far as to file attachments against individuals who have not incurred any indebtedness, knowing full well that the men have no means to fight the suit. In several instances the bureau, believing that these attachment suits were not *bona fide*, has fought the case for the defendants.

#### SEMIMONTHLY PAY DAY LAW.

The semimonthly pay day law, enacted in 1915, has proven to be a rather ambiguous statute. By requiring that a demand must be made for wages by the employee, the law is made practically inoperative. As soon as an employee makes a demand, he is paid and usually discharged for demanding that to which he is lawfully entitled. By allowing a holdback of fifteen days, the law virtually provides for a monthly pay day. This question was submitted to the Attorney General, and in his opinion he held that the payment, at the end of any month, of the wages earned during that month would meet the requirements of the law. While the majority of employers have complied with the spirit of the law, the number that have resorted to subterfuge, knowing its weak points, justifies us in recommending that the statute be amended to provide for the establishment of semimonthly pay days, with a holdback of not more than five days. The amendments should be broad enough to make the failure to establish and maintain regular pay days a misdemeanor, without requiring that a demand must be made by the employee.

#### GRATUITIES.

The law making it a misdemeanor for any manager, superintendent, foreman or other person to receive any fee, gift or other remuneration,

in consideration of hiring, employing or permitting any person to continue in his employment, has been generally observed in most industrial establishments. The practice of dividing tips, however, has continued in hotels, restaurants and cafes, owing to the unwillingness of the men employed in these places to testify against the managers.

Some of our investigations brought to light a new phase not covered by the statute, and that is, the division of tips received by employees—not with the managers, but with their employers, as a condition of holding their positions.

We found that there is a general system in vogue in the check room privileges of hotels and restaurants, and some of the persons holding these privileges operate in the larger cities throughout the United States.

An investigation of one of the large restaurants furnishes a typical case. The owners of the restaurant leased to "X" the privilege of operating the hat and cloak check room for the sum of \$350 per month. "X" in turn hired eight girls, to whom he paid \$10 per week. The condition of their employment was that the girls must drop into a box provided by "X" all the tips received by them from the patrons of the restaurant. The girls were obliged to wear waists with high collars and dresses without pockets so that they could not withhold any of the tips received. Some of these girls testified that they received from six to ten dollars a day in tips, which they had to turn over to their employer, and that the employer sought to employ only attractive women so that the patrons would give them large tips.

In one of the skating rinks we found that the privilege of putting on skates for the patrons had been leased out as a concession. The lessee hired a number of boys, who were obliged to pay \$1.50 per day for their jobs, with the privilege of retaining their tips. Upon informing the lessee that the bureau would hold him to be an employment agent if he continued to charge boys for their jobs, he resorted to the subterfuge of making them sublessees.

The entire system should be wiped out, particularly as it affects the employment of women. In plain language, it amounts to nothing more than earning money on the looks of the women employed.

#### **EMPLOYMENT ON PUBLIC WORKS.**

The present laws limit the hours of employment of any laborer, workman or mechanic upon any of the public works of the state, or any political subdivision thereof, to eight hours in one day. The Appellate Court has held that this law does not include work which is paid for directly by the property owners whose property abuts on public improvements.

A large amount of street work is done under the provisions of the

Vrooman Act and the bond act of 1911, and the contractors doing this work have been employing their men in excess of eight hours. The penalty provision of the present law is not broad enough to reach these contractors. We believe that the intent of the law is to fix an eight-hour day on all public work. We recommend that the law be amended to apply to all public work authorized by the state or a political subdivision thereof, whether the same be paid out of the public treasuries or assessed against property owners or by bond issues. Such an amendment will go a long ways towards improving the condition of employment on public work, will require a closer scrutiny of such work and will prevent, in a measure, some of the difficulties which this bureau has had to meet upon the failure of contractors to pay wages, as discussed in the paragraph on the "Payment of Wages."

### **PUBLIC EMPLOYMENT BUREAUS.**

In 1912 and again in 1913 Governor Hiram W. Johnson directed the commissioner of this bureau to investigate the condition of the unemployed, with a view of determining what could be done to relieve or correct this condition. Again in 1914 the Governor requested this bureau and many of the state commissions to study the problem and suggest remedies.

The bureau, while frankly admitting that the employment exchanges did not create employment, urged their establishment as the most tangible and effective work that could be undertaken by the state. The Governor in his message to the legislature in 1915, recommended the creation of free labor exchanges, and, upon his recommendation, a bill was drafted and passed establishing free employment bureaus, under the direction of the Labor Commissioner. The work of these bureaus started in February, 1916, with the opening of offices in San Francisco, Oakland, Sacramento and Los Angeles, in the latter place the state cooperating with the municipal bureau already established.

From their very inception the public employment bureaus became popular with the working people. It required some time and effort, however, to convince the employers that we were sincere in our statements to them, that we would operate the bureaus as departments of service and not for the purpose of trying out any idea of "faddists," or endeavor to unload upon them the unemployable or persons not fitted for the work required.

The success of the public employment bureaus has gone far beyond all expectations. Many of the largest employers of the state are now listed as patrons of the bureaus and letters of commendation have been received from them on the efficiency of the service rendered.

The most enthusiastic supporters of the public employment bureau bills in the legislature argued that if the state were able to fill ten



thousand jobs the first year, the bureaus could be counted as a success and would justify the expenditure of the money appropriated for them. The records show, however, that during the first nine months of their existence the public employment bureaus have filled 38,850 positions, or nearly four times as many as was estimated for the entire year. At the present rate alone these bureaus are saving to the toilers of the state approximately \$125,000 per year, which they would have had to pay in fees to private agencies.

But this is not the only value of their work. We must also take into consideration the better service rendered to the employer and the employee, and the elimination of the various sorts of favoritism, splitting of fees and the giving of gratuities, which practices were associated with the operation of many private employment agencies and which worked to the detriment of both the employer and the employee.

No small part of the success of the public employment bureaus is due to the interest taken by the employees of the department in their work. They have volunteered to work long hours in order to see that orders were properly filled and to supervise the shipment of men to jobs outside the cities in which the offices were located.

Many requests have been received from municipalities throughout the state, asking that branch offices be established in them. There is no question as to the necessity and advisability of opening additional offices. The number of other offices to be opened depends, however, upon the amount of money appropriated for this purpose and any action the legislature may take towards the elimination of the private agencies.

#### PRIVATE EMPLOYMENT AGENCIES.

Several important amendments were added to the private employment agency law in 1915. These amendments sought to remedy the defects that experience in enforcement had brought to light. One of the most important of these amendments was the prohibiting of the collection of registration fees in advance of the agent having any positions to offer applicants. The license fee was doubled in the larger cities and between this increase in license fee and the inroads of the public employment bureaus, the number of private employment agencies has been considerably reduced. It is becoming very evident that only a few of the larger and better conducted agencies can withstand the present drastic regulation and the competition of the public employment bureaus.

Bills were introduced to regulate the amount of fee to be charged by private agencies, but these did not become laws. The competition of the public employment bureaus has forced down the fee charged by private agencies in the general classes of work. However, the agencies furnishing office and clerical help are charging an average fee of 30

per cent of the first month's salary. This is due largely to the fact that the state has not as yet been able to develop a fully-equipped commercial department.

A very strict supervision over private employment agencies has been maintained by the bureau, and they are required to keep and furnish complete records of all their transactions. During the fiscal year 1915 a total of 1,035 complaints were filed in the bureau against private employment agencies. In 678 cases fees and expenses amounting to \$2,370.15 were ordered returned to the claimants. During the fiscal year 1916 a total of 846 complaints were filed and in 578 cases fees and expenses amounting to \$1,508.59 were ordered returned. The complaints filed with the bureau in no way represent the amount of refunds that have been made to applicants; in fact, the private employment agencies now endeavor to adjust these claims before they reach the bureau. We have, however, required the agencies to keep a complete record of all fees and expenses refunded. The record for the license year 1915-16 shows that \$112,020.40 was refunded to 52,804 applicants and that expenses amounting to \$773.03 were returned to 374 applicants. It is safe to say that a very small part of this money would have been returned to these applicants if the bureau did not have the control of the private employment agencies well in hand.

The importance of bonding the private agencies was demonstrated in the case of the *People vs. Midgley*. The defendant, an employment agent, had succeeded for a time in covering up his operations by the use of a duplicate set of books. The bureau finally succeeded in trapping him and brought prosecution under the provisions of the Employment Agency Act. Defendant was found guilty and was sentenced to serve six months in the county jail. The bonding company was called upon to reimburse the persons who had been fleeced by this agent, and was obliged to pay into the bureau the sum of \$1,224.50 for the benefit of the claimants.

Records for the license year 1915-16 show that 216,624 persons paid to private employment agencies fees amounting to \$454,447.42. Of this number, 158,771 were men and 57,853 women. The average fee paid by the men was \$2.05 and the average fee paid by the women \$2.25. (See Tables V, VI and VII.) In Tables VIII and VIIIa are presented lists of the licensed private employment agencies in the state of California.

#### CHILD LABOR.

Many changes were made in the Child Labor Law in 1915. The age at which children could be employed under various conditions was raised in many instances. However, efforts of too many persons to incorporate their own ideas into this law has made it more difficult of administration. The number of amendments proposed and attached

to the bill at the last session of the legislature have developed a number of inconsistencies. For example, a child fourteen years of age, whose parents are incapacitated through illness, etc., may secure a temporary permit, while no provision is made for a child fifteen years of age under the same conditions.

One of the features of the 1915 amendments was the regulation of street trades, prohibiting boys under ten years of age and girls under eighteen years of age from engaging in street trades in cities having a population of over 23,000. Street trades have been the subject of considerable discussion, and, from our experience, we deem it advisable to maintain this minimum age restriction in the Child Labor Law and under the jurisdiction of the state. The question of further regulation of street trades and the issuance of badges to children engaged therein should be left to the local authorities.

We strongly recommend that bureaus be established in the larger cities, under the control of the school department, so that the issuance of permits and certificates may be centralized. Persons properly fitted should be assigned to this work by the local authorities. We believe that a grave error will be committed if support is given to any attempts to take the enforcement of the Child Labor Law out of the hands of the Bureau of Labor Statistics, which has spent much time and energy in wiping out child labor in this state.

At present the following permits are issued under the provisions of the Child Labor Law:

**Permit to Work (Graduate):**

Where the minor is fourteen years of age and has completed the prescribed grammar school course, and is physically fitted for the work contemplated.

**Permit to Work (Temporary):**

Where the minor is fourteen years of age and the parent is incapacitated through illness or injury, or through the death or desertion of the father the family is in need of the earnings of such minor. The permit is issued only for a temporary period, not to exceed six months.

**Age and Schooling Certificate:**

Where the minor is fifteen years of age and has completed the prescribed grammar school course, or has completed the seventh grade and is a regular attendant at night school.

**Vacation Permit:**

Where the minor is over twelve years of age, but for use only during the regular vacations of the public schools and on the regular weekly school holidays.

**Special Permit:**

Where the minor is fourteen years of age, but for use only outside of school hours.

During the past two years the following permits have been issued in the state:

	Total	Male	Female
June 25, 1914, to June 25, 1915:			
Age and schooling certificates.....	1,166	837	329
Permits to work (graduate).....	276	207	69
Permits to work (temporary).....	449	350	99
June 25, 1915, to June 25, 1916:			
Age and schooling certificates.....	834	617	226
Permits to work (graduate).....	243	184	59
Permits to work (temporary).....	404	318	86

During the year 1914-15 a total of 1,166 Age and Schooling Certificates were issued in the state. Of this number 291 had graduated from the grammar grades, while 875 were nongraduates and were obliged to attend night school. The record of nativity of these children shows that 503 were born in California, 410 in the rest of the United States and 253 were foreign born. (See Table XII.)

During the same period 276 Permits to Work (Graduate) were issued to children. Of this number 115 were born in California, 133 in the rest of the United States and 28 were foreign born. (See Table XIII.)

Permits to Work (Temporary) were issued to 449 children, of whom 208 were born in California, 182 in the rest of the United States and 59 in foreign countries. (See Table XIV.) Most of these temporary permits were issued for a period of six months. (See Table XV.)

The figures as given above are a record of the permits issued under the provisions of the law prior to its amendment. The figures that follow cover a record of permits issued under the amended statute. During the year 1915-16 a total of 834 Age and Schooling Certificates were issued in the state. Of this number 366 were children who had graduated from the grammar grades, while 477 had completed the seventh grade and were attending night school. The record of nativity of these children shows that 379 were born in California, 316 in the rest of the United States and 148 in foreign countries. (See Table XIIa.)

During the same period 243 Permits to Work (Graduate) were issued to children in the state. Of this number 89 were born in California, 129 in the rest of the United States and 25 were foreign born. (See Table XIIIa.)

Permits to Work (Temporary) were issued to 404 children, of whom 199 were born in California, 134 in the rest of the United States and 71 in foreign countries. (See Table XIVa.)

During the fiscal year 1914-15 there were filed in the bureau 108 complaints for violations of the Child Labor Law. These complaints

were investigated, and it was necessary to bring prosecutions in four cases. During the fiscal year 1915-16 there were filed 141 complaints and prosecutions were undertaken in seven cases.

### EIGHT HOUR LAW FOR WOMEN.

The constitutionality of the Eight Hour Law for Women, as passed in 1913, was attacked in the case of *Ex parte Miller*, generally known as the "hotel case." The act was upheld by the Supreme Court of the state of California, 162 Cal. 687, and an appeal was taken to the Supreme Court of the United States. The constitutionality of the amended act of 1915 was attacked in a petition filed in the District Court of the United States for the Northern District of California, seeking to restrain the Labor Commissioner from enforcing the law against the Merritt Hospital of Oakland. The petition was denied—*Wm. B. Bosley et al. vs. John P. McLaughlin et al.*, and this case, known as the "hospital case," on account of the regulation of the hours of student nurses being at issue, was appealed to the United States Supreme Court. These two cases came up together for hearing before the United States Supreme Court and able briefs were presented for the state by Louis Brandeis, William Denman and the Attorney General. On February 23, 1915, the Supreme Court upheld the constitutionality of both the original and the amended law in a broad and sweeping decision written by Justice Hughes. The amended law of 1915 gave the Labor Commissioner extensive powers for the enforcement of its provisions. Prior to that time the bureau had enforced the law of its own volition, to prevent its becoming a dead letter.

During the fiscal year 1915-16 there were filed 622 complaints for violations of the Eight Hour Law for Women. These complaints were investigated and prosecutions were undertaken in 24 cases. During the fiscal year 1914-15 there were filed 630 complaints and eight cases were prosecuted.

The record of complaints for violations of the eight hour law shows that hotels, apartment and boarding houses, restaurants and laundries were the principal offenders. (See Tables XVI and XVII.)

### COMPLAINTS.

Complete records are kept of all complaints filed with the bureau. While we have not attempted to adhere to the practice of courts in the handling of complaints, we have, however, installed a simple, effective system of handling and recording these complaints. Each complaint contains a verified statement by the complainant and a complete record of the investigations and hearing had thereon.

During the fiscal year 1915-16 a total of 12,366 complaints was filed with the bureau and investigated. During the fiscal year 1914-15 a

total of 11,448 complaints were filed and investigated. In other words, in the past two years the bureau has handled 23,814 complaints or an average of almost one thousand complaints a month. (See Tables XVIII-XIX.)

#### PROSECUTIONS.

The bureau has continued to pursue the same policy in the matter of prosecutions, that is, it has not desired to make any record by undertaking a large number of prosecutions. Our policy has been to warn and instruct employers when violations were found and to prosecute only when such employers continued to violate the law or when absolute disregard for the law was shown.

During the fiscal year 1915-16 the bureau conducted 100 prosecutions, securing 57 convictions, while during the fiscal year 1914-15 79 prosecutions were conducted and 45 convictions secured.

TABLE I.—Wage Claims Investigated During Fiscal Year Ending June 30, 1915.  
(Showing occupation and sex of complainants.)

Occupation and sex	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
<b>Males—</b>					
Actor	93	30	57	6	
Advertiser	7	2	5		
Agent	10	10			
Artisans (n. e. s.)	138	44	44	40	10
Baker	57	26	14	15	2
Barber	21	7	11	3	
Bartender	42	26	7	9	
Blacksmith	28	7	10	6	5
Bookkeeper	23	6	12	4	1
Bootblack	10	4	4	2	
Bricklayer	12	5	7		
Butcher	13	6	4	3	
Cabinetmaker	21	5	16		
Candymaker	5	3	1		
Cannery hand	33	18		15	
Carpenter	366	117	151	77	21
Chauffeur	146	38	87	16	5
Clerk	132	68	47	12	5
Conductor	7	4		3	
Cook	296	105	113	60	18
Deckhand	24	21		2	1
Decorator	9	4	5		
Detective agencies, etc.	13	4	5		4
Dishwasher	145	57	66	22	
Driller	16	14	2		
Driver	83	43	27	11	2
Electrician	40	14	16	8	2
Elevatorman	15	12	3		
Engineering	87	30	40	11	6
Entertainer	12	10			2
Farm hand	685	139	73	407	66
Fireman	5	4	1		
Foremen and managers	66	29	22	10	5
Fruit picker	119	44	2	73	
Gardener	57	9	33	13	2
Helpers, artisans	24	20	1		3
Hodcarriers	3	3			
Hotel help (n. e. s.)	40	40			
Ironworker	9	5		2	2
Janitor	78	31	44	3	
Jeweler	3	2	1		
Kitchen help (n. e. s.)	35	32	2	1	
Laborer	2,338	615	1,208	340	175
Laundry hand	15	12		1	2
Machinist	93	41	12	34	6
Mason	32	14	7	9	2
Messenger	58	22	16	13	7
Milker	41	5	3	32	1
Millwright	44	7	1	36	
Miner	326	123	38	159	6
Molder	2		1	1	
Musician	58	20	24	14	
Newsboy	11	11			
Nurse	9	4	5		
Operator, machine	29	7	22		
Operator, movie	18	2	16		
Painting	218	94	94	23	7
Paperhanger	7	7			
Photographer	7		2	4	1
Plasterer	48	19	24	4	1
Plumber	30	11	17	2	
Porter	66	43	12	7	4
Printer	46	25	19	2	
Railroad help (n. e. s.)	62	5		57	
Restaurant help	33	12	9		12
Salesman	113	54	41	15	6
Solicitor	71	22	31	14	4

TABLE I.—Wage Claims Investigated During Fiscal Year Ending June 30, 1915—  
Continued.

(Showing occupation and sex of complainants.)

Occupation and sex	Total for state	San Francisco office	Los Angeles office	Sacra- mento office	San Diego office
<b>Males—Continued.</b>					
Stableman .....	24	11	-----	13	-----
Stenographer .....	10	2	8	-----	-----
Stevedore .....	2	2	-----	-----	-----
Surveyor .....	12	6	4	-----	2
Tailor .....	70	46	21	2	1
Teamster .....	191	43	112	24	12
Theatrical help .....	18	8	1	9	-----
Waiter .....	155	75	58	19	3
Watchman .....	54	39	9	3	3
Wellborer .....	16	10	-----	6	-----
Window cleaner .....	21	15	2	4	-----
Woodchopper .....	129	4	-----	125	-----
Wrecker .....	4	4	-----	-----	-----
Miscellaneous .....	137	95	6	26	10
<b>Totals .....</b>	<b>7,646</b>	<b>2,633</b>	<b>2,756</b>	<b>1,833</b>	<b>424</b>
<b>Females—</b>					
Actress .....	128	67	54	6	1
Bookkeeper .....	23	8	12	2	1
Cannery hand .....	11	1	-----	10	-----
Cashier .....	11	6	5	-----	-----
Clerk .....	49	31	18	-----	-----
Cook .....	81	33	37	8	3
Domestic .....	400	125	233	27	15
Dressmaker .....	55	42	6	4	3
Entertainer .....	17	9	-----	1	7
Factory hand .....	8	5	3	-----	-----
Fruit picker .....	3	-----	-----	3	-----
Hairdresser .....	4	3	1	-----	-----
Housekeeper .....	58	49	-----	5	4
Kitchen help (n. e. s.) .....	3	3	-----	-----	-----
Laundress .....	24	5	14	4	1
Maid .....	45	44	-----	-----	1
Milliner .....	6	3	3	-----	-----
Musician .....	9	5	2	2	-----
Nurse .....	230	43	122	58	7
Operator, phone .....	4	2	2	-----	-----
Saleslady .....	33	30	-----	2	1
Seamstress .....	46	-----	46	-----	-----
Solicitor .....	13	7	2	3	1
Stenographer .....	216	93	102	15	6
Tailoress .....	27	22	2	2	1
Waitress .....	132	54	45	23	10
Miscellaneous .....	38	24	10	2	2
<b>Totals .....</b>	<b>1,674</b>	<b>714</b>	<b>719</b>	<b>177</b>	<b>64</b>
<b>Recapitulation—</b>					
Males .....	7,646	2,633	2,756	1,833	424
Females .....	1,674	714	719	177	64
<b>Totals .....</b>	<b>9,320</b>	<b>3,347</b>	<b>3,475</b>	<b>2,010</b>	<b>488</b>



**TABLE II.—Wage Claims Investigated During Fiscal Year Ending June 30, 1915.**  
 (Showing industries against which claims were filed.)

Industries	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
Advertising	33	23	6	4	
Agents, manufacturers	39	28	6	5	
Amusement	53	43	7		3
Architect	17	9	6	2	
Attorneys	59	14	39	5	1
Automobile	159	45	73	39	2
Aviation	6	6			
Bakery	103	45	23	31	4
Barbering	34	17	13	4	
Bathing	2	1	1		
Blacksmithing	21	6	9	5	1
Bootblack	10	3	4	2	1
Brewing	4	3		1	
Brokers	90	9	76	1	4
Building materials (n. e. s.)	45	14	12	12	7
Butcher	14	6	2	6	
Cabinetmaking	5	5			
Cafe	216	23	193		
Canning and packing	69	27	19	23	
Carriages and wagons	1	1			
Chemicals	5	5			
Cleaning and dyeing	45	10	31	3	1
Cloaks and suits	14	14			
Clubs and societies	52	17	26	7	2
Commission merchants	6	6			
Confectionery	37	17	14	5	1
Contractor	2,036	731	833	297	175
Creamery	7	7			
Dairy	79	8	29	36	6
Detective agencies	13	7	6		
Draying	29	19	4	5	1
Dressmaking	42	25	15	1	1
Electrical supplies, etc.	36	23	6	7	
Employment agency	9	5	2	2	
Engineering	2			2	
Express	57	10	41	5	1
Farming	979	167	254	487	71
Fishing	2	2			
Florist	22	10	8	3	1
Furniture	18	10	4	4	
Grocery	45	18	16	6	5
Hairdressing	5	4		1	
Hats	3	3			
Hay and grain	3	3			
Hotel	365	159	149	46	10
Houses, apartments and boarding	109	75	34		
Ice	1	1			
Insurance	20	13	7		1
Ironworks	30	11	15	2	2
Irrigation	6	3		3	
Jewelry	12	5	2	5	
Laundry	58	29	22	4	3
Light and power	16	10	6		
Lime and cement	2	1	1		
Livery stable	23	13	1	9	
Lumbering	88	37	5	45	1
Machinery and implements	5	3	2		
Manufacturing (n. e. s.)	151	39	110	1	1
Markets	13	8	4	1	
Medical	108	21	57	26	4
Millinery	11	8	3		
Mining	353	141	50	159	3
Musical instruments	13	9	4		
News dealers	12	11			1
Novelty	4	4			
Oil	54	24	21	7	2
Painting	33	30	3		
Photography	9	4	4	1	

**TABLE II.—Wage Claims Investigated During Fiscal Year Ending June 30, 1915—Continued.**

(Showing industries against which claims were filed.)

Industries	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
Plumbing .....	21	12	6	3	-----
Printing and publishing .....	118	47	53	15	3
Private houses .....	652	281	259	76	36
Quarrying .....	16	1	-----	15	-----
Railroad .....	143	20	35	82	6
Real estate .....	390	67	243	62	18
Reclamation .....	1	1	-----	-----	-----
Resort, summer .....	11	11	-----	-----	-----
Restaurant .....	472	263	79	89	41
Saloon .....	68	32	20	13	3
School .....	13	3	7	2	1
Sheet metal .....	2	2	-----	-----	-----
Shipping .....	45	31	3	6	5
Stenography .....	8	4	4	-----	-----
Stores, department .....	224	17	207	-----	-----
Stores (n. e. s.) .....	99	42	-----	33	24
Tailoring .....	91	54	32	3	2
Telephone and telegraph .....	12	4	1	7	-----
Theatrical .....	404	153	203	40	8
Tobacco .....	14	7	3	4	-----
Undertaking .....	2	2	-----	-----	-----
Well boring .....	13	3	-----	8	2
Window cleaning .....	14	13	-----	1	-----
Winery .....	36	2	1	33	-----
Wrecking .....	7	7	-----	-----	-----
Miscellaneous .....	381	123	39	196	23
Not stated .....	37	37	-----	-----	-----
Totals .....	9,320	3,347	3,475	2,010	488

TABLE III.—Wage Claims Investigated During Fiscal Year Ending June 30, 1916.  
(Showing occupation and sex of complainants.)

Occupation and sex	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
<b>Males—</b>					
Actor	203	43	146	12	2
Advertiser	20	6	14		
Agent	14	3	1	7	3
Artisans (n. e. s.)	45	2	39	1	3
Baker	47	19	18	10	
Barber	17	9	4	2	2
Bartender	70	53	7	8	2
Blacksmith	26	10	11	4	1
Bookkeeper	43	18	21	4	
Bootblack	14	2	9	3	
Bricklayer	38	6	32		
Butcher	16	5	8	3	
Buttermaker	2	1		1	
Cabinetmaker	10	3	5	2	
Candymaker	10	6	2	1	1
Cannery hand	35	24	3	8	
Carpenter	393	118	186	68	21
Carrier, paper	7	3	4		
Chauffeur	167	41	104	11	11
Clerk	186	74	73	35	4
Cook	265	106	102	44	13
Deckhand	15	5		10	
Decorator	19	10	9		
Detective	9	1	6	1	1
Dishwasher	128	59	54	13	2
Driller	8	2	6		
Driver	109	48	44	13	4
Electrician	38	10	21	6	1
Elevatorman	9	4	4	1	
Engineer	103	30	50	18	5
Entertainer	28	16	5	5	2
Farm hand	956	149	228	452	127
Fireman	7	2	1	3	1
Fisherman	4	1		2	1
Foremen and managers	75	32	26	12	5
Fruit picker	108	1	11	96	
Gardener	88	13	59	11	5
Helpers, artisans	18	11	7		
Hodcarriers	8	5	3		
Hotel help (n. e. s.)	56	41	7	8	
Interpreter	2	1	1		
Ironworker	16	11	5		
Janitor	94	30	51	10	3
Jeweler	7	6	1		
Kitchen help (n. e. s.)	29	20	9		
Laborer	2,352	811	1,001	486	54
Laundry hand	32	10	21	1	
Machinist	195	77	75	34	9
Mason	11	3	8		
Messenger	34	22	11	1	
Milker	50	1	22	26	1
Millwright	10	2	6	1	1
Miner	352	81	86	180	5
Molder	4	1	1	2	
Mucker	3	2	1		
Musician	54	20	26	6	2
Newsboy	45	22	18	2	3
Nurse	12	1	10	1	
Operator, movie	27	1	22	2	2
Painter	238	95	106	29	8
Paperhanger	13	6	6	1	
Photographer	3	1		1	1
Plasterer	54	15	21	15	3
Plumber	38	7	28	3	
Porter	78	45	18	10	5
Pressman	6	4	2		
Printer	16	4	11	1	

TABLE III.—Wage Claims Investigated During Fiscal Year Ending June 30, 1916—Continued.

(Showing occupation and sex of complainants.)

Occupation and sex	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
<b>Males—Continued.</b>					
Railroad help (n. e. s.)	38	3	2	28	5
Restaurant help	95	66	11	7	11
Salesman	82	36	39	7	
Seaman	15	15			
Solicitor	88	25	47	15	1
Stableman	26	18	1	6	1
Stenographer	9	2	4	2	1
Surveyor	4	1	1	1	1
Tailor	65	32	26	3	4
Teamster	165	31	95	28	11
Theatrical help	42	16	8	16	2
Tinsmith	3	1	2		
Upholsterer	10	3	4	2	1
Utility	16	13	3		
Vendor	3	1	2		
Walter	147	75	48	16	8
Watchman	58	28	21	7	2
Wellborer	19	3	13	3	
Window cleaner	21	8	10	3	
Woodchopper	47	24		23	
Wrecker	3	3			
Miscellaneous	168	74	32	50	12
Not stated	120	96		24	
<b>Totals</b>	<b>8,433</b>	<b>2,865</b>	<b>3,266</b>	<b>1,928</b>	<b>374</b>
<b>Females—</b>					
Actress	88	55	30	2	1
Bookkeeper	16	12	2	2	
Cashier	13	3	8	2	
Clerk	41	26	9	6	
Cook	81	26	32	16	7
Domestic	372	163	155	22	32
Dressmaker	106	44	57	5	
Entertainer	8	2	3		3
Factory hand	11	1	8	1	1
Hairdresser	13	11	1		1
Housekeeper	86	69	3	14	
Laundress	27	11	15		1
Maid	116	19	87	10	
Milliner	8	3	4	1	
Musician	12	3	6		3
Nurse	230	53	106	52	19
Operator, phone	3	2	1		
Saleslady	26	17	3	5	1
Solicitor	8	5	2		1
Stenographer	210	81	117	6	6
Tailoress	18	8	9		1
Teacher	12	6	6		
Waitress	204	89	69	24	22
Miscellaneous	25	20	2	2	1
<b>Totals</b>	<b>1,734</b>	<b>729</b>	<b>735</b>	<b>170</b>	<b>100</b>
<b>Recapitulation—</b>					
<b>Males</b>	<b>8,433</b>	<b>2,865</b>	<b>3,266</b>	<b>1,928</b>	<b>374</b>
<b>Females</b>	<b>1,734</b>	<b>729</b>	<b>735</b>	<b>170</b>	<b>100</b>
<b>Totals</b>	<b>10,167</b>	<b>3,594</b>	<b>4,001</b>	<b>2,098</b>	<b>474</b>

TABLE IV.—Wage Claims Investigated During Fiscal Year Ending June 30, 1916.  
(Showing industries against which claims were filed.)

Industries	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
Advertising	30	16	9	1	4
Agents, manufacturers	57	34	17	4	2
Amusement	70	29	35	1	5
Architect	33	5	25	2	1
Attorneys	90	20	57	5	8
Automobile	233	83	99	36	15
Bakery	77	34	28	14	1
Barbering	26	11	9	4	2
Bathing	7	5	2		
Blacksmithing	12	4	4	4	
Bootblack	16	2	9	3	2
Brewing	3	1	2		
Brokers	56	12	44		
Butcher	17	9	3	4	1
Cabinetmaking	8	4	2		2
Cafe	185	73	79	8	25
Canning and packing	45	31	5	9	
Cleaning and dyeing	34	12	17	4	1
Clubs and societies	54	15	36	1	2
Commission merchants	25	4	14	6	1
Confectionery	41	22	15	3	1
Contractor	1,990	706	856	375	53
Creamery	17	3	7	7	
Dairy	103	14	48	30	11
Detective agencies	11	1	7	2	1
Drying	66	29	37		
Dressmaking	63	29	31	3	
Electrical supplies, etc.	30	13	3	11	3
Employment agency	16	5	6	5	
Engineering	23	14	8	1	
Express	34	20	4	7	3
Farming	1,248	164	350	595	139
Fishing	7	4		2	1
Florist	7	4	3		
Furniture	6	4	1		1
Grocery	51	12	29	10	
Hairdressing	18	15	1		2
Hay and grain	23	1	9	13	
Hotel	308	156	88	55	9
Hospitals	21	8	13		
Houses, apartments and boarding	158	70	78	5	5
Ice	44	39	5		
Insurance	20	7	4	9	
Ironworks	31	27	2		2
Irrigation	6	1		4	1
Jewelry	24	8	14		2
Laundry	59	23	29	6	1
Light and power	11	7	4		
Livery stable	28	14	8	6	
Lumbering	97	77	3	17	
Machinery and implements	20	2	16	1	1
Manufacturing (n. e. s.)	211	55	127	21	8
Markets	55	15	35	5	
Medical	58	14	14	27	3
Millinery	10	7	3		
Mining	472	131	130	201	10
Musical instruments	10	5	2	3	
News dealers	39	23	7	5	4
Oil	30	9	13	8	
Painting	47	23	9	15	
Photography	13	4	3	5	1
Plumbing	25	9	14	2	
Printing and publishing	93	35	56	1	1
Private houses	766	246	396	102	22
Quarrying	22	6	6	10	
Railroad	75	12	29	32	2
Real estate	404	73	248	66	17
Resort, summer	12	7		5	

**TABLE IV.—Wage Claims Investigated During Fiscal Year Ending June 30, 1916—**  
**Continued.**

(Showing industries against which claims were filed.)

Industries	Total for state	San Francisco office	Los Angeles office	Sacra- mento office	San Diego office
Restaurant .....	599	328	169	68	34
Saloon .....	111	81	16	11	3
School .....	38	14	22	1	1
Sheet metal .....	8	1	7	—	—
Shipping .....	41	34	5	2	—
Stages .....	9	1	1	5	2
Stenography .....	9	1	7	—	1
Stores, department .....	38	2	35	1	—
Stores (n. e. s.) .....	170	55	60	46	9
Tailoring .....	91	43	42	2	4
Telephone and telegraph .....	23	6	9	8	—
Theatrical .....	501	168	279	36	18
Undertaking .....	9	4	2	2	1
Well boring .....	13	3	7	3	—
Window cleaning .....	11	5	5	1	—
Winery .....	3	2	—	1	—
Wrecking .....	14	12	1	—	1
Miscellaneous .....	270	112	67	67	24
Not stated .....	208	145	—	63	—
Totals .....	10,167	3,594	4,001	2,098	474

TABLE V.—Private Employment Agencies of the State. Record for One Year Ending March 31, 1916.  
(Showing positions furnished, fees charged, refunds made, etc., by locality and class of agency.)

Class of agency	Positions furnished men			Positions furnished women			Total positions furnished		Fees refunded		Refunds made	
	Number	Fees charged	Average fee	Number	Fees charged	Average fee	Number	Fees charged	Number	Amount	Number	Amount
San Francisco—												
Commercial	740	\$7,808 15	\$10 01	1,595	\$8,787 52	\$5 51	2,335	\$16,595 67	834	\$2,238 30	2	\$4 60
Female	113	490 50	4 34	3,468	10,308 15	2 97	3,581	10,798 65	903	2,602 50		
General	33,392	66,451 65	1 99	881	1,795 10	2 04	34,273	68,246 75	7,152	11,609 94	102	273 20
Hotel	11,428	40,238 20	3 53	8,435	20,529 50	2 47	19,863	61,087 70	9,638	30,652 50	8	42 10
Oriental†	5,265	15,291 57	2 90	74	181 25	2 45	5,339	15,472 82	1,080	2,846 51	1	1 00
Teachers	60	3,757 40	62 62	50	2,481 63	49 63	110	6,239 03			1	9 80
Theatrical*												
Totals	50,998	\$134,057 47	\$2 63	14,503	\$44,383 15	\$3 05	65,501	\$178,440 62	19,616	\$49,949 75	114	\$330 70
Los Angeles—												
Commercial	1,436	\$18,781 70	\$13 08	1,343	\$10,776 87	\$8 02	2,779	\$29,558 57	25	\$177 25		
Female	67	127 60	1 90	5,014	8,737 40	1 74	5,081	8,865 00	1,826	3,266 15		
General	37,077	64,369 62	1 71	5,311	7,886 50	1 50	42,388	72,386 12	12,173	24,454 82	179	\$291 83
Hotel	12,580	22,313 16	1 77	12,970	18,634 99	1 44	25,550	40,948 15	10,116	18,177 25	4	9 40
Nurses	156	1,437 00	9 21	2,182	2,281 50	1 05	2,338	3,718 50	32	125 00		
Oriental†	3,559	5,613 88	1 58	48	43 65	91	3,607	5,657 53	343	849 29	2	2 45
Teachers	46	2,308 50	50 18	92	2,325 43	25 27	138	4,633 98	3	29 24		
Theatrical*												
Totals	54,921	\$114,951 46	\$2 09	26,960	\$51,766 34	\$1 88	81,881	\$185,717 80	24,518	\$47,078 50	185	\$303 68
Oakland—												
Female	86	\$173 90	\$2 02	3,732	\$5,931 95	\$1 59	3,818	\$6,105 85	1,129	\$1,895 69		
General	970	2,506 33	2 59	3,721	7,426 80	2 00	4,691	9,935 13	2,197	4,175 85	9	\$15 65
Oriental†	389	736 85	1 89	35	61 95	1 77	424	798 80	8	9 50		
Totals	1,445	\$3,419 08	\$2 37	7,488	\$13,420 70	\$1 79	8,933	\$16,839 78	3,334	\$6,081 04	9	\$15 65
Alameda—												
Oriental†	312	\$33 35	\$0 11									





TABLE VI.—Summary of Private Employment Agencies of the State. Record for One Year Ending March 31, 1916.

City	Number of agencies	Positions furnished men			Positions furnished women			Total positions furnished			Refunds made		
		Number	Fees charged	Average fee	Number	Fees charged	Average fee	Number	Fees charged		Number	Amount	Number
San Francisco	54	50,998	\$134,057 47	\$2 63	14,503	\$44,383 15	\$3 05	65,501	\$178,440 62	19,616	\$49,949 75	114	\$330 70
Los Angeles	58	54,921	114,951 46	2 09	26,960	50,766 34	1 88	81,881	165,717 80	24,518	47,078 50	185	303 68
Oakland	9	1,445	3,419 08	2 37	7,488	13,420 70	1 79	8,933	16,839 78	3,334	6,061 04	9	15 65
Totals	121	107,364	\$252,428 01	\$2 35	48,951	\$108,570 19	\$2 24	156,315	\$360,998 20	47,468	\$103,109 29	308	\$650 03
Alameda	1	312	\$33 35	\$0 11	1,398	\$8,742 06	\$6 25	312	\$33 35	35	\$165 13		
Berkeley	3	414	5,081 46	12 27	242	324 40	1 34	1,812	13,823 52	251	348 45	10	\$22 65
Fresno	4	4,473	5,910 40	1 32	781	1,836 90	2 35	4,715	6,234 80	2	4 45		
Pasadena	6	273	231 80	85	725	998 15	1 38	1,054	2,068 70	1,634	2,898 55	46	80 75
Sacramento	13	16,002	27,997 00	1 75	2,348	4,255 34	1 81	16,727	28,995 15	1,191	2,106 87		
San Diego	13	2,718	5,210 65	1 92	419	592 75	1 41	5,066	9,465 99	1,097	1,705 00	1	2 80
San Jose	4	1,009	1,391 55	1 38	848	1,032 05	1 22	1,428	1,984 80				
Stockton	7	7,496	12,124 60	1 62				8,344	13,156 65				
Totals	51	32,697	\$57,980 81	\$1 77	6,761	\$17,781 65	\$2 63	39,458	\$75,762 40	4,302	\$7,496 80	57	\$105 70
All other towns	49	18,710	14,741 26	79	2,141	2,945 50	1 38	20,851	17,686 76	944	1,414 31	9	17 80
Grand totals	221	158,771	\$325,150 06	\$2 05	57,853	\$129,297 34	\$2 25	216,624	\$454,447 42	52,804	\$112,020 40	374	\$773 03

TABLE VII.—Summary of Private Employment Agencies of the State. Record for One Year Ending March 31, 1916, by Class of Agency.

Class of agency	Number of agencies	Positions furnished men			Positions furnished women			Total positions furnished		Refunds made			
		Number	Fees charged	Average fee	Number	Fees charged	Average fee	Number	Fees charged	Fees refunded		Expenses refunded	
										Number	Amount	Number	Amount
Commercial	16	2,176	\$26,189 85	\$12 04	2,938	\$19,564 39	\$6 66	5,114	\$45,754 24	859	\$2,415 55	2	\$4 60
Female	25	416	1,047 95	2 52	15,736	31,350 29	1 99	16,152	32,398 24	4,062	8,063 91		
General	95	113,192	199,385 40	1 76	14,240	22,627 00	1 59	127,432	222,012 40	26,624	49,198 82	355	702 18
Hotel	14	24,008	62,571 36	2 61	21,405	39,464 49	1 84	45,413	102,035 85	19,754	48,469 75	12	51 50
Nurses	6	158	1,445 00	9 14	2,405	2,915 25	1 21	2,564	4,360 25	32	125 00		
Oriental†	47	18,335	23,363 16	1 27	168	239 15	1 72	18,503	23,662 31	1,465	3,753 00	4	4 95
Teachers	7	486	11,147 36	22 94	960	13,076 77	13 62	1,446	24,224 13	38	194 37	1	9 80
Theatrical*	11												
Totals	221	158,771	\$325,150 06	\$2 05	57,853	\$129,297 34	\$2 25	216,624	\$454,447 42	52,804	\$112,020 40	374	\$773 03

\*Figures are not given for theatrical agencies, as the fees are based on duration of engagement, which is often indefinite.

†Returns from Oriental agencies are in most cases quite incomplete.

TABLE VIII. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1916.

## AGENCIES IN CITIES OF FIRST, FIRST AND ONE-HALF AND SECOND CLASSES.

## SAN FRANCISCO.

License No.	
14.	Andre's Employment Agency.
12.	Blake and Amber Amusement Agency.
15.	Boynton-Esterly Teachers' Agency.
16.	Business Men's Registrar Agency.
18.	California Hotels Employment Bureau.
*82.	Clerical Reference Association.
19.	Commercial Expert Company.
156.	Cosmopolitan Employment Agency.
195.	Dailey Vaudeville and Dramatic Exchange.
80.	Day, Mrs. M. E.
100.	Dillon, Josephine B.
*57.	Dixon-Fogarty Employment Agency.
10.	Duperu and Company.
69.	Empire Employment Agency.
104.	Ewer and Company, W. D.
11.	Gibbs and Company, Inc.
83.	Hotel Reporter Employment Bureau.
158.	International Employment Agency.
5.	Keeler Hotel Employment Bureau.
32.	Kennedy and Drechsler, Inc.
198.	Knight's Employment Agency.
13.	Lagarde, Nydia.
8.	Laroulandie, Mme. Louise.
103.	Levey Circuit, Bert.
*21.	Marchand's Agency.
210.	McCarthy, Mrs. Mary T.
†143.	Midgley's Hotel Managers' Exchange.
1.	Murray and Ready.
2.	Murray and Ready.
9.	Norton Employment Agency.
58.	Olcott, R. H.
115.	Pacific Audit and System Company.
174.	Pacific Teachers' Agency and Pacific Service Company.
101.	Plunkett, Miss Kate.
99.	Presidio Employment Bureau.
79.	Reliable Employment Agency.
17.	Rockhurst Center Investigated Service Bureau.
203.	Sullivan's Employment Agency.
182.	Treacy's Employment Agency.
81.	United Employing Agency.
105.	Weaver, John C.
116.	Western States Vaudeville Association.
220.	Western Vaudeville Managers' Association.

## Orientals.

113.	Grant Employment Office.
209.	Hatsumi Employment Agency, Oscar.
128.	Hori & Company Employment Agency.
8.	Japan-American Employment Agency.
20.	Japanese-Chinese Employment Agency.
102.	Kinney, Charles D.
157.	Knoph, A. N.
31.	New Grant Employment Agency.
184.	Oriental Employment Agency.
7.	Shiozaki Employment Agency.
106.	Star Employment Agency.

\*Retired from business. †License canceled.

TABLE VIII. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1916—Continued.

LOS ANGELES.

License  
No.

- \*136. Big Four Employment Agency.
- 152. Boynton-Esterly Teachers' Agency.
- 29. California Commercial Service Company.
- 181. California Employment Agency.
- 122. California Hospital Nurses' Directory.
- 151. California Teachers' Bureau.
- 173. Coleman, J. W.
- 137. Dady Amusement Circuit, C. Bassells.
- \*218. Driscoll's Merchant and Home Service Employment Agency.
- \*119. Educational Business Company.
- 84. Educational Expert Company.
- \*200. Fidelity Theatrical Exchange.
- 85. Fisk Teachers' Agency.
- 26. Hawley Employment Agency.
- 121. Henderson Employment Agency.
- 34. Hummel Bros. & Company.
- \*201. Independent Theatrical Exchange.
- 33. Inglis, Gus.
- 28. International Labor Agency.
- 202. Levey Vaudeville Circuit, Bert.
- 194. Lyons & Beavis.
- 25. Martin & Shaw.
- 162. McClures Employment Bureau.
- 60. Middleton Nurses' Directory.
- 24. Mines Technical Agency.
- 3. Murray and Ready.
- 87. Nurses Central Registry.
- 61. Nurses' Home and Directory.
- 147. Pacific Audit and System Company.
- 86. Pacific Service Company and Pacific Teachers' Agency.
- 30. Park's Vaudeville Booking Exchange.
- 23. Patten's Employment Agency, Mrs.
- 167. Plaza Employment Agency.
- 163. Progressive Household Club.
- 150. Red Crossing Employment Agency.
- 139. Reference Association of California.
- 59. Reliable Hotel, Restaurant and Bakers' Employment Bureau.
- 124. Richardson, Nina M.
- 62. Rodriguez, R.
- 63. Swedish and German Employment Bureau.
- 22. Tourist and Hotel Reporter Employment Agency.
- 88. Trimble's Employment Agency.
- 64. Tucker Hotel and Restaurant Employment Agency.
- 161. Walters Stenographic Company.

Orientalists.

- 123. A. B. Employment Agency.
- 131. Abe Employment Agency, H.
- 89. Eagle Japanese Employment Agency.
- 90. Fuji Employment Bureau.
- 120. Ibusuki Employment Agency, T.
- 193. Ito's Employment Agency, H. K.
- 125. Japan A. B. C. Employment Agency.
- 138. Japanese Central Employment Agency.
- 166. Japanese Los Angeles Employment Office.
- 168. Oriental Japanese Employment Agency.
- 91. Pacific Japanese A. A. A. Employment Bureau.

OAKLAND.

- 191. Bonstell Employment Agency.
- 109. Johnson and Kerr.
- 179. Nelson's Employment Agency.
- 168. Oakland Employment Agency.
- 178. People's Employment Agency.
- 177. Success Employment Agency.
- 176. Woman's Employment Exchange.

Orientalists.

- 187. Japanese-Chinese Employment Agency.
- 216. Yuen Employment Agency, Chas.

\*Retired from business. †License canceled.

TABLE VIII. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1916—Continued.

## AGENCIES IN CITIES OF THE THIRD AND FOURTH CLASSES.

## ALAMEDA.

License  
No.

133. Rokutani Employment Agency.

## BERKELEY.

180. Berkeley Employment Bureau.
- 
65. Fisk Teachers' Agency.
- 
66. McNeill Teachers' Agency.

## FRESNO.

67. People's Employment Agency.
- 
40. San Joaquin Employment Agency.
- 
41. Wright Employment Agency.

## PASADENA.

208. McAdams Employment Agency, Mrs
- 
68. Mikado Employment Agency.
- 
70. Registry for Undergraduate Nurses.
- 
207. Weatherton, Mrs. G.
- 
38. Weylandt's Employment Agency, Mrs. C. J.
- 
37. Yamato Employment Agency.

## SACRAMENTO.

- \*117. Bradman and Gilbert Employment Agency.
- 
148. Capital Employment Agency.
- 
154. Central Employment Agency.
- 
108. Hong Kong Employment Agency.
- 
107. Ideal Employment Agency.
- 
155. Japanese Employment Agency.
- 
4. Marray and Ready.
- 
185. Original California Employment Agency.
- 
159. Pacific Coast Labor Bureau.
- 
160. Red Cross Employment Agency.
- 
169. Standard Employment Agency.
- 
205. Western Labor Agency.
- 
165. Wide Awake California Employment Agencies, Inc.

## SAN DIEGO.

- \*164. California Employment Agency.
- 
111. Essex Employment Agency.
- 
- \*142. Golden West Employment Agency.
- 
196. Model Employment Agency.
- 
110. Old Reliable Employment Agency.
- 
- \*145. Pacific Coast Employment Agency.
- 
144. Pioneer Employment Agency.
- 
- \*175. Plaza Employment Agency.
- 
- \*140. San Diego Employment Agency.
- 
36. Star Employment Agency.
- 
39. Western Employment Office.
- 
141. Woman's Social Service.
- 
153. Young Women's Christian Association.

## SAN JOSE.

- \*172. Anderson & Co.
- 
170. Garden City Employment Agency.
- 
171. Progressive Employment Agency.
- 
192. United Employment Agency.

## STOCKTON.

- †183. Gateway Employment Agency.
- 
42. Logan's Employment Agency.
- 
92. Independent Employment Agency.
- 
35. King's Employment Agency.
- 
71. Reynier's Employment Agency.
- 
72. Steele's Employment Agency.
- 
73. Williams & Co.

## AGENCIES IN ALL OTHER CITIES AND TOWNS.

## BAKERSFIELD.

49. Kern Valley Employment Bureau.
- 
- \*149. Home Employment Agency.
- 
112. Whitaker Employment Agency.

## BURLINGAME.

219. Capps Employment Agency.

\*Retired from business. †License canceled.

TABLE VIII. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1916—Continued.

**CARPINTERIA.**License  
No.

74. Suminaga, George.

**CHICO.**

118. Wide Awake Employment Agency.

**CUCAMONGA.**

53. Iwasaki, T.

**EL CENTRO.**

48. Pioneer Employment Agency.

**EUREKA.**

190. Hayden Employment Agency.

56. Kerr, J. W.

47. Metropole Employment Agency.

**HOLLYWOOD.**

132. Cherry Day Work Employment Agency.

27. Japanese-Hollywood-Sunshine Employment Agency.

134. Sunset Employment Agency.

**LODI.**

96. Lodi California Employment Agency.

\*213. Schutte Employment Office, Herman.

**LONG BEACH.**

129. Arks Employment Agency.

135. Mikado Employment Agency.

94. Panama Employment Agency.

215. Registrar of Nurses' Central Registry.

130. Togo Employment Agency.

**MARYSVILLE.**

98. Marysville Employment Agency.

**MERCED.**

55. Warfield, C. A. H.

**MODESTO.**

54. Modesto Employment Agency.

**MONTECITO.**

214. Japanese Employment Agency of Montecito.

**NAPA.**

189. Brandlin's Employment Agency.

**OCEAN PARK.**

127. Hollywood, The.

**ONTARIO.**

186. Narod Employment Agency.

**PIRU.**

199. Hayashida, I.

**REDDING.**

75. Northern California Employment Agency.

**REDLANDS.**

146. Rivera's Employment Agency.

**RIVERSIDE.**

221. Korean Employment Agency.

\*43. Reliable Employment Agency.

197. Riverside Employment Agency.

**SALINAS.**

50. Shaw, Chas.

**SAN BERNARDINO.**

52. Boesenberg &amp; Son, F.

126. Preciado's Employment Agency, A. P.

211. Rowan, Byron T.

217. Tafolla, A. M.

**SAN MATEO.**

97. Lindsay, Mrs. Mary J.

**SANTA ANA.**

\*212. Dean and Isenberg Employment Agency.

76. Palace Employment Agency.

77. Santa Ana Employment Agency.

**SANTA BARBARA.**

46. Associated Charities.

45. Japanese Employment Agency.

114. Santa Barbara Employment Agency.

\*Retired.

TABLE VIII. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1916—Continued.

## SANTA MONICA.

License

No.

93. Japanese Pacific Employment Agency.

44. Ocean Park Japanese Employment Agency.

## SANTA PAULA.

204. Sakyo, Y.

## SANTA ROSA.

†206. Parks Employment Agency.

## TAFT.

78. Durst Employment Agency.

## VISALIA.

51. Howell's Employment Agency.

## WHITTIER (East).

95. Tsukifuji, Frank.

†License canceled.

**TABLE VIII-a. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1917.**  
(Licenses issued up to November 1, 1916.)

**AGENCIES IN CITIES OF FIRST, FIRST AND ONE-HALF AND SECOND CLASSES.**

**SAN FRANCISCO.**

- Licenses**  
**No.**
- 62. Andre Employment Agency.
  - 7. Blake & Amber Amusement Agency.
  - 5. Boynton-Esterly Teachers' Agency.
  - 34. Business Men's Registrar Agency.
  - 42. California Hotels Employment Agency.
  - 14. Commercial Expert Company Agency.
  - 69. Cosmopolitan Employment Agency.
  - 45. Day Hotel Employment Agency, Mrs. M. E.
  - 70. Dillon's Employment Agency, Miss.
  - 63. Duperu & Co., Labor Agency.
  - 72. Ewer & Co. Agency, W. D.
  - 4. Gibbs Employment Agency.
  - 33. Hotel Reporter Employment Agency.
  - 99. International Employment Agency.
  - 28. Keeler Employment Agency.
  - 103. Kennedy & Drechsler Employment Agency.
  - 29. Knight's Employment Agency.
  - 64. Lagarde Public Stenographer Employment Agency.
  - 59. Louise Employment Agency, Mme.
  - 114. McCarthy Employment Agency, Mrs. M. T.
  - 1. Murray & Ready Employment Agency.
  - 22. Norton Employment Agency.
  - 30. Olcott Employment Agency.
  - 105. Pacific Audit and System Company Agency.
  - 148. Pacific Teachers' Agency and Service Company.
  - 79. Plunkett Employment Agency, Miss Kate.
  - 147. Reliable Employment Agency.
  - 183. Smith Employment Agency, Mary F.
  - 6. Sullivan's Labor Agency.
  - 35. Treacy's Employment Agency.
  - 23. United Employing Agency.
  - 80. Weaver Agency, J. C.
  - 151. West Coast Teachers' Agency.
  - 81. Western States Vaudeville Association Agency.
  - 134. Western Vaudeville Managers' Association Agency.

**Oriental.**

- 98. Grant Employment Agency.
- 73. Hatsumi Employment Agency, Oscar.
- 13. Hori & Co. Employment Agency.
- 102. Japan-American Employment Agency.
- 101. Japanese and Chinese Employment Agency.
- 117. Kinney Chinese Employment (Agency) Bureau.
- 43. Knoph Employment Agency, A. N.
- 71. New Grant Employment Agency.
- 137. Oriental Employment Agency.
- 100. Shiozaki Employment Agency.

**LOS ANGELES.**

- 142. Big Four Employment Agency.
- 119. Bonded Service Company Employment Agency.
- 135. Boynton-Esterly Teachers' Agency.
- 168. Bradstreet's Employment Agency.
- 141. Bureau of Service Employment Agency.
- 120. Business Men's Clearing House Employment Agency.
- 184. C. and C. Employment Agency.
- 133. California Commercial Service Employment Agency.
- 57. California Hospital Nurses' Directory Agency.
- 178. California Motion Picture Producers and Actors Exchange Employment Agency.
- 126. California Theatrical Exchange Agency.
- 174. Christy Motion Picture Association Employment Agency.
- 130. Coleman Employment Agency, J. W.
- 177. Commercial Clearing House Employment Agency.



TABLE VIII-a. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1917—Continued.

## LOS ANGELES—Continued.

License No.	
85.	Educational Expert Company Employment Agency.
82.	Fish Teachers' Agency.
86.	Hawley Employment Agency.
88.	Henderson Employment Agency.
11.	Hummel Bros. Employment Agency.
89.	International Labor Agency.
107.	Johnson Employment Agency, Wm.
155.	Lyons & Beavis Employment Agency.
66.	Martin & Shaw Employment Agency.
172.	Meaney & Barry Employment Agency.
106.	Middleton's Nurses Registry Employment Agency.
124.	Mines Technical Agency.
2.	Murray & Ready Employment Agency.
10.	Nurses' Central Registry Agency.
56.	Nurses' Home and Directory Agency.
127.	Pacific Audit and System Company, Inc., Agency.
143.	Pacific Name and Address Company Employment Agency.
24.	Pacific Service and Teachers' Agency.
132.	Packard Theatrical Exchange and Agency.
90.	Parks Vaudeville and Booking Agency.
84.	Patten's Employment Agency, Mrs.
58.	Red Crossing Employment Agency.
125.	Reference Association of California Employment Agency.
108.	Rodriguez Employment Agency, R.
87.	Swedish and German Employment Agency.
12.	Tourist and Hotel Reporter Employment Agency.
55.	Trimble's Employment Agency.
54.	Tucker's Hotel Restaurant Employment Agency.
83.	Willis & Inglis Motion Picture Agency.

## Orientals.

91.	A. B. Employment Agency.
92.	Abe Employment Agency.
131.	Eagle Japanese Employment Agency.
129.	Fuji Employment Agency.
110.	Japan A. B. C. Employment Agency.
128.	Japanese Central Employment Agency.
111.	Japanese Los Angeles Employment Agency.
109.	Pacific Japanese A. A. A. Employment Agency.

## OAKLAND.

153.	Newman's Employment Agency.
65.	Oakland Employment Agency.
53.	People's Employment Agency.
160.	Success Employment Agency.

## Orientals.

150.	Japanese Chinese Employment Agency.
181.	Japanese and Philippine Employment Agency.

## AGENCIES IN CITIES OF THIRD AND FOURTH CLASSES.

## ALAMEDA.

78.	Rokutani Employment Agency.
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## BERKELEY.

8.	Fisk Teachers' Agency.
9.	McNeill Teachers' Agency.

## FRESNO.

159.	Farmers' Employment Agency.
140.	People's Employment Agency.
17.	San Joaquin Employment Agency.
182.	Valley Employment Agency.
122.	Wright Employment Agency.

## PASADENA.

152.	McAdam's Employment Agency.
60.	Mikado Employment Agency.
94.	Weylandt's Employment Agency, Mrs. C. J.
93.	Yamato Employment Agency.

**TABLE VIII-a. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1917—Continued.**

**SACRAMENTO.**

- License  
No.
- 16. Capital Employment Agency.
  - 41. Central Employment Agency.
  - 116. Hong Kong Employment Agency.
  - 27. Ideal Employment Agency.
  - 158. Japanese Employment Agency.
  - 3. Murray & Ready Employment Agency.
  - 169. Original California Employment Agency.
  - 145. Pacific Coast Labor Agency.
  - 51. Red Cross Employment Agency.
  - 175. Standard Employment Agency.
  - 170. Togo Employment Agency.
  - 146. Western Labor Agency.
  - 67. Wide Awake Employment Agency.

**SAN DIEGO.**

- 74. Essex Employment Agency.
- 171. International Employment Agency.
- 39. Model Employment Agency.
- 75. Old Reliable Employment Agency.
- 77. Pioneer Employment Agency.
- 40. Star Employment Agency.
- 38. Western Employment Agency.
- 76. Woman's Social Service Employment Agency.

**SAN JOSE.**

- 180. Garden City Employment Agency.
- 179. Progressive Employment Agency.
- 104. United Employment Agency.

**STOCKTON.**

- 46. Independent Employment Agency.
- 15. King's Employment Agency.
- 44. Reyner's Employment Agency.
- 52. Steele's Employment Agency.
- 154. Stockton Employment Agency.
- 123. Williams & Co. Employment Agency.

**AGENCIES IN ALL OTHER CITIES AND TOWNS.****BAKERSFIELD.**

- 48. Kern Valley Employment Agency.
- 176. Morris' Employment Agency, Edd.
- 26. Whitaker Employment Agency, Chas.

**BURLINGAME.**

- 49. Capps Employment Agency.

**CALEXICO.**

- 163. Fogg Employment Agency, Thos.
- 164. Hardesty's Employment Agency.

**CARPINTERIA.**

- 139. Suminaga Employment Agency, George.

**CHICO.**

- 136. Wide Awake Employment Agency.

**CUCAMONGA.**

- 144. Iwasaki Employment Agency, T.

**EL CENTRO.**

- 121. Pioneer Employment Agency.

**EUREKA.**

- 19. Kerr Employment Agency, J. W.
- 31. Metropole Employment Agency.

**LODI.**

- 68. Lodi Employment Agency.

**LONG BEACH.**

- 21. Nurses' Central Registry of Long Beach.
- 32. Panama Employment Agency.
- 113. Togo & Arks Employment Agency.

**MARYSVILLE.**

- 47. Marysville Employment Agency.

**MERCED.**

- 37. Warfield Employment Agency, C. A. H.

**MODESTO.**

- 166. Modesto Employment Agency.

TABLE VIII-a. Employment Agencies of the State. List of Agencies Granted State Licenses During License Year Ending March 31, 1917—Continued.

## OCEAN PARK.

License  
No.

157. Proctor Employment Agency.

## ONTARIO.

165. Narod Employment Agency.

## RIVERSIDE.

115. Riverside Employment Agency.

## SALINAS.

18. Shaw Employment Agency, Chas.

## SAN BERNARDINO.

95. Boesenberg &amp; Son Employment Agency, F.

112. Preciado's Employment Agency, A. P.

185. Rowan Employment Agency, Byron T.

156. Tafolla &amp; Co. Employment Agency, A. M.

## SAN MATEO.

36. Lindsay Employment Agency, Mrs. Mary J.

## SANTA ANA.

167. Orange County Employment Agency.

20. Palace Employment Agency.

## SANTA BARBARA.

96. Japanese Employment Agency.

138. Registrar of Associated Charities Agency.

149. Santa Barbara Employment Agency.

## SANTA MONICA.

161. Japanese A. B. C. Employment Agency.

118. Japanese Pacific Employment Agency.

97. Ocean Park Employment Agency.

## TAFT.

25. Durst Employment Agency.

## VENICE.

162. Rose Avenue Employment Agency.

## VISALIA.

50. Howell's Employment Agency.

## WHITTIER (East).

61. Tsukifuji Employment Agency, Frank.

TABLE IX.—Age and Schooling Certificates Issued in the State, for Period June 25, 1914, to June 25, 1915.  
(Showing sex and schooling by counties.)

County	Total certificates issued	Total (15 years)		Graduate (15 years)			Nongraduate (15 years)		
		Male	Female	Total	Male	Female	Total	Male	Female
Alameda	137	96	41	14	8	6	123	88	35
Alpine									
Amador									
Butte									
Calaveras									
Colusa									
Contra Costa	2	2		2	2				
Del Norte									
El Dorado									
Fresno	20	10	10	7	2	5	13	8	5
Glenn									
Humboldt	7	7		2	2		5	5	
Imperial									
Inyo									
Kern	2	1	1				2	1	1
Kings									
Lake									
Lassen									
Los Angeles	429	307	122	147	98	49	282	210	72
Madera									
Marin	2	2		2	2				
Mariposa									
Mendocino									
Merced									
Modoc									
Monterey									
Napa	2	1	1				2	1	1
Nevada	1	1		1	1				
Orange									
Placer									
Plumas									
Riverside									
Sacramento	56	27	29	22	7	15	34	20	14
San Benito									
San Bernardino	3	2	1	3	2	1			
San Diego	12	12		1	1		11	11	
San Francisco	454	336	118	80	64	16	374	271	103
San Joaquin	1	1					1	1	
San Luis Obispo									
San Mateo	2	2					2	2	
Santa Barbara	2	2					2	2	
Santa Clara	12	9	3				12	9	3
Santa Cruz									
Shasta									
Sierra									
Siskiyou									
Solano	16	16		8	8		8	8	
Sonoma	2		2				2		2
Stanislaus									
Sutter									
Tehama									
Trinity									
Tulare									
Tuolumne									
Ventura	1	1		1	1				
Yolo	3	2	1	1	1		2	1	1
Yuba									
Totals	1,166	837	329	291	199	92	875	638	237

**TABLE IXa.—Age and Schooling Certificates Issued in the State, for Period June 25, 1915, to June 25, 1916.**

(Showing sex and schooling, by counties.)

County	Total certificates issued	Total (15 years)		Graduate (15 years)			Nongraduate (15 years)		
		Male	Female	Total	Male	Female	Total	Male	Female
Alameda	133	94	39	54	31	23	79	63	16
Alpine									
Amador									
Butte	1		1	1		1			
Calaveras									
Colusa									
Contra Costa	8	8		6	6		2	2	
Del Norte									
El Dorado									
Fresno	6	4	2				6	4	2
Glenn									
Humboldt	12	10	2	1	1		11	9	2
Imperial									
Inyo									
Kern									
Kings									
Lake									
Lassen									
Los Angeles	304	224	80	175	128	47	129	96	33
Madera	3	3					3	3	
Marin									
Mariposa									
Mendocino									
Merced									
Modoc									
Mono									
Monterey	2	2					2	2	
Napa									
Nevada	1	1					1	1	
Orange									
Placer									
Plumas									
Riverside									
Sacramento	56	25	31	27	9	18	29	16	13
San Benito									
San Bernardino	4	4		2	2		2	2	
San Diego	3	3		1	1		2	2	
San Francisco	287	219	68	93	68	25	194	151	43
San Joaquin	1	1		1	1				
San Luis Obispo									
San Mateo									
Santa Barbara									
Santa Clara	7	7					7	7	
Santa Cruz									
Shasta	1		1				1		1
Sierra									
Siskiyou									
Solano	8	8		5	5		3	3	
Sonoma									
Stanislaus									
Sutter									
Tehama									
Trinity									
Tulare									
Tuolumne									
Ventura	5	4	1				5	4	1
Yolo	1		1				1		1
Yuba									
Totals	843	617	226	366	252	114	477	365	112

TABLE X.—Permits to Work (Graduate) Issued in the State, for Period June 25, 1914, to June 25, 1915.

(Showing sex and age, by counties.)

County	Total permits issued	Male					Female				
		Total	12 years	13 years	14 years	15 years	Total	12 years	13 years	14 years	15 years
Alameda	25	23		2	16	5	2		1		1
Alpine											
Amador											
Butte											
Calaveras											
Colusa											
Contra Costa											
Del Norte											
El Dorado											
Fresno	13	6			5	1	7		2	1	4
Glenn											
Humboldt	8	5			1	4	3			2	1
Imperial											
Inyo											
Kern											
Kings											
Lake											
Lassen											
Los Angeles	126	88		7	78	3	38		5	30	3
Madera	1	1		1							
Marin	1	1			1						
Mariposa											
Mendocino											
Merced											
Modoc											
Mono											
Monterey											
Napa											
Nevada											
Orange											
Placer											
Plumas											
Riverside											
Sacramento	11	6			3	3	5			3	2
San Benito											
San Bernardino	1	1			1						
San Diego	26	22		1	11	10	4			1	3
San Francisco	46	38		4	34		8			8	
San Joaquin	1	1			1						
San Luis Obispo											
San Mateo	1	1			1						
Santa Barbara											
Santa Clara	8	8			4	4					
Santa Cruz											
Shasta											
Sierra											
Siskiyou											
Solano	4	4			1	3					
Sonoma	2	1				1	1				1
Stanislaus											
Sutter											
Tehama											
Trinity											
Tulare											
Tuolumne											
Ventura	1	1			1						
Yolo	1						1			1	
Yuba											
<b>Totals</b>	<b>276</b>	<b>207</b>		<b>15</b>	<b>158</b>	<b>34</b>	<b>69</b>		<b>8</b>	<b>46</b>	<b>15</b>

TABLE Xa.—Permits to Work (Graduate) issued in the State, for Period June 25, 1915, to June 25, 1916.  
(Showing sex and age, by counties.)

County	Total permits issued	Male			Female		
		Total	14 years	15 years	Total	14 years	15 years
Alameda	32	21	14	7	11	6	5
Alpine							
Amador							
Butte							
Calaveras							
Colusa							
Contra Costa	1	1	1				
Del Norte							
El Dorado							
Fresno	3	1	1		2	1	1
Glenn							
Humboldt	6	6	3	3			
Imperial							
Inyo							
Kern							
Kings	1				1	1	
Lake							
Lassen							
Los Angeles	108	80	78	2	28	28	
Madera							
Marin	1	1	1				
Mariposa							
Mendocino							
Merced							
Modoc							
Mono							
Monterey							
Napa	1	1		1			
Nevada							
Orange							
Placer							
Plumas							
Riverside							
Sacramento	10	6	6		4	4	
San Benito							
San Bernardino	1	1		1			
San Diego	25	23	18	5	2	1	1
San Francisco	44	34	34		10	10	
San Joaquin							
San Luis Obispo							
San Mateo							
Santa Barbara	1	1	1				
Santa Clara	4	3	2	1	1		1
Santa Cruz							
Shasta							
Sierra							
Siskiyou							
Solano	5	5	1	4			
Sonoma							
Stanislaus							
Sutter							
Tehama							
Trinity							
Tulare							
Tuolumne							
Ventura							
Yolo							
Yuba							
Totals	243	184	160	24	59	51	8

TABLE XI.—Permits to Work (Temporary) issued in the State, for Period June 25, 1914, to June 25, 1915.

(Showing sex and age, by counties.)

County	Total permits issued	Male					Female				
		Total	12 years	13 years	14 years	15 years	Total	12 years	13 years	14 years	15 years
Alameda	49	35	1		28	6	14		2	9	3
Alpine					1						
Amador	1	1									
Butte											
Calaveras	3	2	1	1			1				1
Colusa											
Contra Costa	2	2		1		1					
Del Norte											
El Dorado											
Fresno	20	12		1	7	4	8		2	3	3
Glenn											
Humboldt	1	1			1						
Imperial	1						1			1	
Inyo											
Kern	2	1	1				1			1	
Kings	6	5	1	3		1	1	1			
Lake											
Lassen											
Los Angeles	85	55	5	15	34	1	30	3	5	22	
Madera											
Marin											
Mariposa											
Mendocino											
Merced											
Modoc											
Mono											
Monterey											
Napa											
Nevada	2						2			1	1
Orange	1	1			1						
Placer	1	1			1						
Plumas											
Riverside	2	2			2						
Sacramento	31	27	1	3	22	1	4		1	3	
San Benito											
San Bernardino	2	2			2						
San Diego	82	76	6	16	28	26	6		1	4	1
San Francisco	135	108	7	21	80		27		1	3	23
San Joaquin											
San Luis Obispo											
San Mateo											
Santa Barbara	2	1			1		1			1	
Santa Clara	3	2			2		1			1	
Santa Cruz											
Shasta											
Sierra											
Siskiyou											
Solano	9	9		2	6	1					
Sonoma	2						2			2	
Stanislaus											
Sutter											
Tehama											
Trinity											
Tulare											
Tuolumne											
Ventura	6	6	1	2	2	1					
Yolo	1	1	1								
Yuba											
Totals	449	350	25	65	218	42	99	4	12	51	32



TABLE Xia.—Permits to Work (Temporary) Issued in the State, for Period June 25, 1915, to June 25, 1916.

(Showing sex and age, by counties.)

County	Total permits issued	Male			Female		
		Total	14 years	15 years	Total	14 years	15 years
Alameda	51	34	28	6	17	11	6
Alpine							
Amador							
Butte							
Calaveras							
Colusa							
Contra Costa	4	3	2	1	1	1	
Del Norte							
El Dorado							
Fresno	11	5	3	2	6	4	2
Glenn							
Humboldt	1				1		1
Imperial							
Inyo							
Kern	2	2	1	1			
Kings							
Lake							
Lassen							
Los Angeles	36	28	15	13	8	6	2
Madera	1	1		1			
Marin							
Mariposa							
Mendocino							
Merced							
Modoc							
Mono							
Monterey	1	1	1				
Napa	3	2	2		1	1	
Nevada							
Orange	2	1		1	1		1
Placer							
Plumas							
Riverside							
Sacramento	18	11	11		7	7	
San Benito							
San Bernardino	4	3	3		1		1
San Diego	39	37	24	13	2	1	1
San Francisco	213	176	90	86	37	12	25
San Joaquin							
San Luis Obispo							
San Mateo							
Santa Barbara	3	2	1	1	1		1
Santa Clara	5	4	1	3	1		1
Santa Cruz							
Shasta							
Sierra							
Siakiyou							
Solano	4	4	3	1			
Sonoma	1				1		1
Stanislaus							
Sutter							
Tehama							
Trinity							
Tulare							
Tuolumne	1	1	1				
Ventura	2	1		1	1	1	
Yolo	2	2	2				
Yuba							
Totals	404	318	188	130	86	44	42

**TABLE XII.—Age and Schooling Certificates Issued in the State, for Period June 25, 1914, to June 25, 1915.**  
(Showing sex and schooling, by countries of birth.)

Country of birth	Total graduate and nongraduate			Graduate			Nongraduate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
California .....	503	380	123	140	105	35	363	275	88
Rest of U. S. ....	410	308	102	119	79	40	291	229	62
Austria-Hungary ..	14	9	5	3	2	1	11	7	4
British Isles .....	42	33	9	8	5	3	34	28	6
Canada .....	13	11	2	3	3	—	10	8	2
France .....	4	3	1	1	—	1	3	3	—
Germany .....	10	8	2	1	1	—	9	7	2
Italy .....	50	22	28	2	—	2	48	22	26
Mexico .....	12	8	4	2	2	—	10	6	4
Russia .....	42	17	25	7	1	6	35	16	19
Scandinavia .....	5	4	1	1	—	1	4	4	—
Spain .....	6	4	2	—	—	—	6	4	2
Miscellaneous .....	55	30	25	4	1	3	51	29	22
<b>Totals .....</b>	<b>1,166</b>	<b>837</b>	<b>329</b>	<b>291</b>	<b>199</b>	<b>92</b>	<b>875</b>	<b>638</b>	<b>237</b>

**TABLE XIIa.—Age and Schooling Certificates Issued in the State, for Period June 25, 1915, to June 25, 1916.**  
(Showing sex and schooling, by countries of birth.)

Country of birth	Total graduate and nongraduate			Graduate			Nongraduate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
California .....	379	286	93	157	113	44	222	173	49
Rest of U. S. ....	316	230	86	164	110	54	152	120	32
Austria-Hungary ..	15	12	3	6	5	1	9	7	2
British Isles .....	19	15	4	6	5	1	13	10	3
Canada .....	13	10	3	4	3	1	9	7	2
France .....	1	1	—	—	—	—	1	1	—
Germany .....	6	5	1	3	2	1	3	3	—
Italy .....	27	19	8	3	2	1	24	17	7
Mexico .....	7	3	4	6	2	4	1	1	—
Russia .....	25	15	10	10	5	5	15	10	5
Scandinavia .....	6	3	3	3	2	1	3	1	2
Miscellaneous .....	29	18	11	4	3	1	25	15	10
<b>Totals .....</b>	<b>843</b>	<b>617</b>	<b>226</b>	<b>366</b>	<b>252</b>	<b>114</b>	<b>477</b>	<b>365</b>	<b>112</b>

**TABLE XIII.—Permits to Work (Graduate) Issued in the State, for Period June 25, 1914, to June 25, 1915.**

(Showing sex, by countries of birth.)

Country of birth	Total	Male	Female
California .....	115	91	24
Rest of United States.....	133	98	35
Austria-Hungary .....	2	2	—
British Isles .....	5	4	1
Canada .....	2	1	1
Germany .....	4	3	1
Italy .....	1	—	1
Mexico .....	1	1	—
Russia .....	2	—	2
Scandinavia .....	2	1	1
Spain .....	1	1	—
Miscellaneous .....	8	5	3
<b>Totals .....</b>	<b>276</b>	<b>207</b>	<b>69</b>

**TABLE XIIIa.—Permits to Work (Graduate) Issued in the State, for Period June 25, 1915, to June 25, 1916.**

(Showing sex, by countries of birth.)

Country of birth	Total	Male	Female
California .....	89	72	17
Rest of United States.....	129	97	32
Austria-Hungary .....	1	1	—
British Isles .....	6	3	3
Canada .....	2	2	—
Germany .....	1	1	—
Italy .....	4	3	1
Russia .....	3	1	2
Scandinavia .....	1	—	1
Miscellaneous .....	7	4	3
<b>Totals .....</b>	<b>243</b>	<b>184</b>	<b>59</b>

**TABLE XIV.—Permits to Work (Temporary) Issued in the State, for Period June 25, 1914, to June 25, 1915.**

(Showing sex, by countries of birth.)

Country of birth	Total	Male	Female
California .....	208	176	32
Rest of United States.....	182	135	47
Austria-Hungary .....	4	1	3
British Isles .....	11	10	1
Canada .....	1	1	—
France .....	3	2	1
Germany .....	5	3	2
Italy .....	13	9	4
Mexico .....	2	1	1
Russia .....	4	1	3
Scandinavia .....	1	1	—
Spain .....	1	—	1
Miscellaneous .....	14	10	4
<b>Totals .....</b>	<b>449</b>	<b>350</b>	<b>99</b>

**TABLE XIVa.—Permits to Work (Temporary) Issued in the State, for Period June 25, 1915, to June 25, 1916.**

(Showing sex, by countries of birth.)

Country of birth	Total	Male	Female
California	199	156	43
Rest of United States	134	112	22
Austria-Hungary	2	2	
British Isles	9	8	1
Canada	2	2	
France	2	1	1
Germany	1	1	
Italy	17	8	9
Mexico	9	8	1
Russia	4	2	2
Scandinavia	2	2	
Spain	2	2	
Miscellaneous	21	14	7
<b>Totals</b>	<b>404</b>	<b>318</b>	<b>86</b>

**TABLE XV.—Permits to Work (Temporary) Issued in the State, for Period June 25, 1914, to June 25, 1915.**

(Showing period of time for which issued.)

Period of time for which issued	Total	Male	Female
Under 1 month	9	3	6
1 month and over, but under 3 months	71	50	21
3 months and over, but under 6 months	67	55	12
6 months	279	227	52
Not stated	23	15	8
<b>Totals</b>	<b>449</b>	<b>350</b>	<b>99</b>

**TABLE XVa.—Permits to Work (Temporary) Issued in the State, for Period June 25, 1915, to June 25, 1916.**

(Showing period of time for which issued.)

Period of time for which issued	Total	Male	Female
Under 1 month	9	6	3
1 month and over, but under 3 months	22	13	9
3 months and over, but under 6 months	45	39	6
6 months	290	233	57
Not stated	38	27	11
<b>Totals</b>	<b>404</b>	<b>318</b>	<b>86</b>

**TABLE XVI.—Complaints for Violation of Eight-Hour Law for Women Filed With Bureau and Investigated During Fiscal Year Ending June 30, 1916.**

(Showing industries against which complaints were filed.)

Industries	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
Automobile dealers	1		1		
Bakeries	14	6	4	4	
Candy and confectionery	20	8	10		2
Canning and packing	2		1		1
Cleaning and dyeing	5	2	1		2
Dry goods, clothing, etc., stores	19	6	11	2	
Exposition, general	6	6			
Exposition, concessions	2	2			
Grocery stores and markets	10		8	2	
Hairdressing parlors	4	3	1		
Hospitals and sanitarium	35	21	12		2
Hotels, apartment and boarding houses	179	75	72	24	8
Laundries	38	22	13	1	2
Manufacturing, general	24	12	12		
Millinery	8	6	2		
Offices, general	3		2	1	
Photograph galleries	4	2	2		
Printing and publishing	4	3	1		
Public service corporation	4		4		
Restaurants	126	43	56	8	19
Retail stores, general	42	31	8	2	1
Tailoring and dressmaking	29	9	20		
Theaters	15	6	8		1
Unclassified	28	26	1		1
Totals	622	289	250	44	39

**TABLE XVII.—Complaints for Violation of Eight-Hour Law for Women Filed With Bureau and Investigated During Fiscal Year Ending June 30, 1915.**

(Showing industries against which complaints were filed.)

Industries	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
Automobile dealers	1	1			
Bakeries	23	16	7		
Candy and confectionery	24	11	10	1	2
Canning and packing	7	5	1	1	
Cleaning and dyeing	13	12	1		
Dry goods, clothing, etc., stores	32	13	13	5	1
Exposition, concessions	8	6			2
Exposition, general	6	6			
Grocery stores and markets	18	11	3	2	2
Hairdressing parlors	6	5			1
Hospitals and sanitarium	36	26	7	2	1
Hotels, apartment and boarding houses	171	100	51	13	7
Laundries	33	11	17	1	4
Manufacturing, general	21	8	13		
Millinery	5	5			
Offices, general	13	6	4	3	
Photograph galleries	4	4			
Printing and publishing	3	2	1		
Public service corporations	6	4	2		
Restaurants	109	35	50	9	15
Retail stores, general	51	34	18	2	
Tailoring and dressmaking	12	6	6		
Theaters	6	1	5		
Unclassified	19	7	8	2	2
Totals	630	335	217	41	37

TABLE XVIII.—Record of Complaints Filed With Bureau and Investigated During Fiscal Year Ending June 30, 1916.

Nature of complaint	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
Blowers .....	24	23	1		
Child labor .....	141	79	50	3	9
Eight hour law—public work .....	41	14	16	8	3
Eight hour law—underground work .....	14	7	1	6	
Eight hour law—women .....	622	289	250	44	39
Employment agencies—license .....	35	11	22	2	
Employment agencies—misrepresentation .....	846	246	237	319	44
Medical cabinet law .....	36	36			
Nonpayment of wage law .....	10,167	3,594	4,001	2,098	474
Pay check law .....	4			3	1
Regular pay day .....	3			2	1
Sanitation .....	55	34	19		2
Scaffolding, flooring, etc. ....	48	30	13		5
Seats for females .....	10		7		3
Semimonthly pay day .....	100	46	23	31	
Ten hour law for drug clerks .....	5		4		1
Weekly day of rest .....	3	3			
Miscellaneous .....	212	157	26	26	3
<b>Totals .....</b>	<b>12,366</b>	<b>4,569</b>	<b>4,670</b>	<b>2,542</b>	<b>585</b>

TABLE XIX.—Record of Complaints Filed with Bureau and Investigated During Fiscal Year Ending June 30, 1915.

Nature of complaint	Total for state	San Francisco office	Los Angeles office	Sacramento office	San Diego office
Blowers .....	3	3			
Child labor .....	108	53	39	12	4
Eight hour law—public work .....	42	22	12	5	3
Eight hour law—underground work .....	8	2	2	2	2
Eight hour law—women .....	623	335	210	41	37
Employment agencies—license .....	39	23	11	4	1
Employment agencies—misrepresentation .....	1,035	438	290	259	48
Nonpayment of wage law .....	9,320	3,347	3,475	2,010	488
Pay check law .....	20	16		4	
Regular pay day .....	8	8			
Sanitation .....	52	24	16	11	1
Scaffolding, flooring, etc. ....	94	66	12	3	13
Seats for females .....	5	5			
Ten hour law for drug clerks .....	6	4	2		
Weekly day of rest .....	9	9			
Miscellaneous .....	76	61	4	11	
<b>Totals .....</b>	<b>11,448</b>	<b>4,416</b>	<b>4,073</b>	<b>2,362</b>	<b>597</b>

TABLE XX.—Record of Prosecutions Conducted by Bureau During Two Fiscal Years Ending June 30, 1916.

Nature of offense	Fiscal year 1915-16				Fiscal year 1914-15			
	Number of prosecutions.	Disposition of cases			Number of prosecutions.	Disposition of cases		
		Convicted.	Dismissed.	Pending.		Convicted.	Dismissed.	Pending.
Child labor law.....	7	6	1	—	4	3	1	—
Eight hour law for women.....	24	18	6	—	8	5	3	—
Employment agency—misrepresentation.....	2	2	—	—	13	12	1	—
Employment agency—license.....	5	5	—	—	6	3	3	—
Misrepresentation as to strikes.....	6	4	2	—	—	—	—	—
Obtaining labor by false pretenses.....	—	—	—	—	1	—	1	—
Pay check law.....	14	8	6	—	5	5	—	—
Payment of wage law.....	41	13	25	3	27	*6	20	1
Payment of wages—seasonal law.....	—	—	—	—	1	—	1	—
Prohibited employment of children.....	—	—	—	—	1	1	—	—
Scaffolding, flooring, etc., laws.....	1	1	—	—	12	10	2	—
Withholding wages on public works.....	—	—	—	—	1	—	1	—
Totals .....	100	57	40	3	79	45	33	1

\*One case in San Francisco carried to Appellate Court—law declared unconstitutional. Amended Stats. 1915, chap. 143.

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## PART II.

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## PUBLIC EMPLOYMENT BUREAUS.

## Financial Statement.

(Showing total expenditures and unit cost of filling positions, by offices, from February 1, 1916, to October 31, 1916.)

	Superintendent's office	San Francisco	Oakland	Sacramento	Los Angeles	Total
Salaries	\$2,091 86	\$6,511 18	\$1,913 28	\$2,667 45	\$2,440 52	\$15,624 29
Traveling expense	212 75	136 70	14 80	156 30	581 65	1,102 20
Office rent	225 00	1,520 00	585 00	380 00	---	2,710 00
Janitor service	---	202 50	65 70	31 25	---	299 45
Subscriptions	---	30 25	70	8 90	---	39 85
Postage and express	140 60	222 54	100 86	80 00	---	544 00
Telephone and telegraph	72 15	408 90	106 79	198 83	---	786 67
Printing	153 40	512 98	199 50	156 75	20 71	1,043 34
Other office expense	21 86	264 32	56 63	53 60	---	396 41
Fixtures	---	937 18	135 90	206 51	---	1,279 59
Equipment	1,140 64	727 33	294 67	239 04	992 88	3,394 06
Total cash expended	\$4,058 26	\$11,473 88	\$3,473 83	\$4,178 63	\$4,035 26	\$27,219 86
Pro rata of superintendence	---	2,029 13	913 11	913 11	202 91	---
Gross cost per operating office	---	\$13,503 01	\$4,386 94	\$5,091 74	\$4,238 17	\$27,219 86
Estimated present value of equipment and fixtures	---	1,741 00	475 02	396 54	707 22	3,319 78
Net cost per operating office	---	\$11,762 01	\$3,911 92	\$4,695 20	\$3,530 95	\$23,900 08
Number positions filled	---	15,101	5,427	6,435	11,587	38,550
Cost per position filled	---	\$0.779	\$0.721	\$0.73	\$0.305	\$0.62

933 Mission Street, San Francisco,  
December 9, 1916.

HON. JOHN P. McLAUGHLIN, *Labor Commissioner,*  
*948 Market Street,*  
*San Francisco, California.*

SIR: I have the honor to submit herewith for your consideration the  
First Report of the Public Employment Bureaus, covering the period  
from February 1 to October 31, 1916.

Respectfully,

C. B. SEXTON,  
Superintendent of Bureaus.

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## FIRST REPORT OF THE PUBLIC EMPLOYMENT BUREAUS OF THE STATE OF CALIFORNIA.

Comprising the period from February 1, 1916, to October 31, 1916.  
Operated under the direction of John P. McLaughlin, Labor Commissioner.

### OFFICES OPERATED.

#### San Francisco.

Men's Department, 933 Mission street.  
Women's Department, Pacific Building.

#### Oakland.

Men's Department, 401 Tenth street.  
Women's Department, 401 Tenth street.

#### Sacramento.

Men's Department, 124 K street.  
Women's Department, Forum Building.

#### Los Angeles (State-City).

Men's Department, 206 Franklin street.  
Women's Department, 207 South Broadway.

By

C. B. Sexton, Superintendent of Bureaus,  
933 Mission street, San Francisco.



## REPORT OF SUPERINTENDENT.

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### LAW CREATING PUBLIC EMPLOYMENT BUREAUS.

The act authorizing these bureaus became a law August 8, 1915, but inasmuch as only \$50,000 was appropriated for the establishment and operation for two years of offices in San Francisco, Los Angeles, Sacramento and Oakland, the Labor Commissioner was confronted with the problem of complying with the law and making both ends meet.

When it is borne in mind that Los Angeles was spending over \$15,000 yearly on the municipal office, it looked as if a similar office in San Francisco would take the major part of the appropriation. However, it seemed a waste of money to start a competing office in Los Angeles, particularly as the federal government was also operating an office there, so, after a conference and some correspondence on the subject, the Labor Commissioner concluded an arrangement whereby the state would act jointly with the city of Los Angeles in the operation of the existing office there. Knowing our expense from this source, some close figuring proved just when the offices could be opened and run continuously until June 30, 1916.

### OPENING OF OFFICES.

On February 1, 1916, the San Francisco and Sacramento offices were opened, and the arrangement with Los Angeles went into effect. The Oakland office, which is a joint one for males and females, was opened February 3d, at the corner of Tenth and Franklin streets. For statistical purposes the Oakland office includes the cities of Berkeley and Alameda.

In San Francisco, the men's department is located on the ground floor at 933 Mission street, with a side entrance on Mary street, and the women's and the commercial department in three rooms on the second floor of the Pacific Building, at the corner of Fourth and Market streets.

In Sacramento, the men's department is located on the ground floor at 124 K street, and for the women's department, a room was secured on the fifth floor of the Forum Building.

The joint state and municipal offices in Los Angeles are as follows:

Commercial Division—111 Merchants Trust Building.

Men's Industrial Division—206 Franklin street.

Household Division—121 Merchants Trust Building.

### ARRANGEMENT WITH LOS ANGELES.

Under the agreement with Los Angeles the state appoints two solicitors with Ford automobiles, who tour the district soliciting business and advocating the principle of free employment bureaus. The superintendent of the municipal office receives a small monthly sum from the state in addition to his salary from the city, and the state receives credit for all positions filled in the district outside the city limits of Los Angeles. The district is made up of the eight southern counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara and Ventura.

### AIMS AND POLICIES.

Unlike one of the state bureaus in the East, we consider ourselves in competition with the fee agencies, and as long as men and women have to pay for the opportunity of getting employment, we must assume the position as direct competitor of the private agencies. No employment is created by reason of the state's going into the employment agency business, nor do we solve any unemployment problems. We have a big problem on our hands, and have a public service to perform in enabling employers to get in touch with the right kind of help, and at the same time save yearly to labor the enormous sum of approximately \$500,000 paid in fees to private agencies throughout the state of California. Personally, we think that all side issues, such as vocational guidance, should be shelved until the state has a monopoly of the employment agency business. When employers in a given locality have practically only one place to go for their help, instead of fifty or more as they now have, it will be much easier and less expensive to the state to place young men and women in positions which their natural ability and training qualify them to fill.

A public employment bureau may have many suitable applicants for good positions, but if the fee agencies get 90 per cent of all orders almost any applicant willing to pay the necessary fee gets the position and upsets the well-laid plans of the public bureaus. It takes time to interview applicants and find out their capabilities, and time is money, even to the state, because in the last analysis the cost of placing applicants will always be a deciding factor as to whether or not the public bureaus justify their existence.

### RELATION TO CHARITY.

At the start we decided to have a plain understanding with the charitable organizations, and convince them that both of us have our separate spheres of usefulness. We realized that if we were to continue in business and be a successful public service enterprise we would have to run on the merit basis only, *i. e.*, send the best person on each order from every employer.

The different charity boards, most of which are run by business men and women, were quick to see our point of view, and we have not been importuned to place anybody unable to do the work. However, we do assist the charities to the extent of getting positions for many able-bodied men who do not have the necessary fee to pay for a position, and we are reminded of several instances where we have been thanked and assured by the successful applicants that they were down to their last cent when we placed them.

Our offices as now organized, could be used by the different cities in times of industrial depression, should it ever be necessary to start some public project in order to give relief to the unemployed. With the addition of about one clerk to carry out the program as outlined by a municipality, any emergency relief work could be taken care of.

### STATISTICS.

The tables presented in this report have been made up with a view of showing the progress of each office month by month. They are interesting as showing the amount of detail in connection with each office. For instance, in the nine months under consideration, Sacramento filled about 20 per cent more positions than Oakland, but Oakland had more than double the number of customers, and received 80 per cent more orders than Sacramento. Two features that have a vital bearing on the usefulness of employment bureaus are the data showing the new employers, and the number of individuals served each month.

These tables are further enlarged on in the written matter accompanying them.

### FORMS.

Standard forms similar to those in use in states where the public employment business is past the experimental stage, were adopted at the start. We soon made some changes, however, the most radical being our interpretation of a "renewal," of which mention is made later, and putting the occupation at the top of the order card, which necessitates the eventual filing of the card by the kind of help wanted. We consider this an advantage, inasmuch as we have all the positions of each kind together, and the information, such as wages paid and where sent to, is always available, even if not published. Furthermore, as weekly reports of positions filled, by occupations, are made to the superintendent's office, it serves as a means for a quick check on the different offices when an inspection is made. If ten blacksmiths are reported placed in a given time, a reference to the order cards under "blacksmiths" should check at once. We also maintain a separate "ledger" card, where all of each employer's orders are listed consecutively.

By putting a one-cent postage stamp on our introductory and return postal card, we have had more success than we anticipated in getting returns from this source, as will be noted from remarks under "positions filled."

### REGISTRATION.

It has been the practice to designate about three hours per day for registering applicants, equally divided between morning and afternoon. However, no applicant is discriminated against because of not being registered, but it saves the time of the clerk if an applicant has been registered when application is made for any particular job.

The tables we have drawn from the registrations as to nativity and citizenship, marital condition and duration of residence, represent more nearly the actual truth than such tables generally do. As a rule, these data are taken during times of great depression when some special work is being planned to relieve the existing condition. The men then get the impression that residents or married men are to get the preference, and the facts are generally distorted. On the other hand, our data were all taken during normal times with work fairly plentiful.

### RENEWALS.

We have considered a "renewal" as being connected with "positions filled," and not with "registrations." To be exact, a renewal with us is when an applicant is placed in any position after his first position. The exact number of individuals served by any or all of our offices can be told at any time by subtracting the renewals from the positions filled. When these bureaus first started there were so many things for the clerks to familiarize themselves with that it took some time to get things running smoothly, and in order to see that the renewal feature was being properly kept, an actual count of all the cards was made on July 31, 1916, at the San Francisco, Oakland and Sacramento offices. The result has been put in tabular form below, and is interesting as showing just how many persons received from one to fifteen positions during the period of six months.

## PUBLIC EMPLOYMENT BUREAUS.

Showing Number of Positions Received by Different Individuals From February 1, 1916, to July 31, 1916.

Positions received	Office			Total		
	San Francisco	Oakland	Sacramento	Individuals served	Renewals	Positions furnished
1 -----	5,553	1,426	1,551	8,530	-----	8,530
2 -----	592	254	231	1,077	1,077	2,154
3 -----	183	103	54	340	680	1,020
4 -----	106	40	32	178	534	712
5 -----	33	26	15	74	296	370
6 -----	11	26	3	40	200	240
7 -----	9	13	4	26	156	182
8 -----	8	4	1	13	91	104
9 -----	4	7	4	15	120	135
10 -----	2	10	-----	12	108	120
11 -----	-----	5	-----	5	50	55
12 -----	1	2	1	4	44	48
13 -----	-----	2	-----	2	24	26
14 -----	3	-----	-----	3	39	42
15 -----	-----	2	1	3	42	45
Totals --	6,505	1,920	1,897	10,322	3,461	13,783

From the above figures it can be readily seen that if the renewals are accurately kept the individuals served are automatically accounted for. As a justification for differing with the majority of the public employment offices, with whom a renewal is taken as a re-registration, we consider it is much better for us to know what we are doing than to know what we might do. Our records show how many persons each and every office has served for any given period, and also show daily whether any office is serving new applicants or only the same circle of people.

One of the serious defects in most public employment records is their failure to show just how many individuals receive the large number of positions they report as being filled. On the other hand, re-registration simply shows how many persons are back again awaiting another position, and whom the office might serve if it had the necessary positions open.

## POSITIONS COUNTED AS FILLED.

At the outset, it was aimed to count as filled only those positions where we had absolute knowledge of the applicant's obtaining employment. This practice has been adhered to throughout, and the employers have been fairly consistent in returning our stamped introductory card or giving us the information when asked for over the telephone. More cards are returned from the males sent out than from the females, due to the fact that a great many women fold the card and put it in their purse, and it is in no condition to mail back if the employer were so inclined.



During the months of July, August and September the men's department of the San Francisco office placed 5,638 applicants, and a count of the introductory cards showed 2,542 returned by the employers, 2,175 of whom were hired; and 1,161 brought back by applicants, 479 of whom were hired. During this same period 1,501 applicants, mostly in groups, were shipped from the different depots personally by our representatives. The balance of the positions filled were from knowledge of the applicants' being hired by the employer at our office, or being apprised over the telephone that the applicant had been taken on.

#### KIND OF POSITIONS FURNISHED.

A glance at the list of positions filled will show almost every known occupation represented. That we have succeeded in placing male applicants to positions above the grade of common laborer, and female applicants to positions outside domestic service can be attested by the following figures:

	Placements
<b>Males—</b>	
Laborers .....	15,661
Movies .....	3,662
All others .....	14,131
<b>Total .....</b>	<b>33,454</b>
<b>Females—</b>	
Cooks, domestics, etc.....	2,070
Movies .....	537
All others .....	2,489
<b>Total .....</b>	<b>5,096</b>
<b>Grand total .....</b>	<b>38,550</b>

Our least progress has been in the clerical line, and it is for this class in particular that employers should patronize our bureaus to the exclusion of the fee agencies. For the first five months of the operation of the bureaus 1,704 persons registered for clerical positions, but we were able to place only 129.

Private agencies charge 30 per cent of the first month's salary for clerks of both sexes, and during the next six months a special effort will be made to strengthen this end of the business. Later on a special commercial department should be opened in San Francisco. This department has met with success in Los Angeles, and it should do equally well in San Francisco.

#### PERMANENCY OF POSITIONS.

While no actual figures are published this time as to the duration of the positions furnished applicants, our report shows that, excluding

4,199 positions with motion picture concerns, practically 47 per cent of the parties were sent outside the cities in which the offices are located. Inasmuch as all of the state's portion of the Los Angeles business is out-of-town business, if we consider only the three offices operated entirely by the state the proportion is still over 39 per cent.

No applicant will go out of town to accept a position for only a few days, and this in itself would be a good showing. However, the in-town positions were nearly all such as an applicant would have to pay a regular fee for heretofore; in fact, it is in no spirit of exaggeration when we claim to have jumped right into the middle of the private employment agency business, probably more so than any other public employment bureaus in the United States.

#### **COST OF POSITIONS.**

For the nine months ending October 31, 1916, the unit cost of filling each position was 62.0 cents. The cost ranged from 30.5 cents for the Los Angeles office to 77.9 cents for the San Francisco office. On account of the arrangement with Los Angeles City, whereby the state is saved the expense of maintaining an office there, the cost per placement averages only 30.5 cents in Los Angeles. However, for the three offices maintained entirely by the state, the average cost of each position furnished was 75.6 cents. This cost of 75.6 cents is lower than state bureaus in the East, where efficient records are kept, and considering the class of positions furnished here no very material reduction can be expected without sacrificing the records, unless the fee agencies are abolished. In this case the increased volume of business would allow of a material reduction in the cost of placing applicants.

It is true we expect to increase our business the coming year, but, inasmuch as practically all of the employees have been devoting considerable overtime to their work in order to make the bureaus a success, more help will be needed, and the cost will not be reduced to correspond with the figures given out by small bureaus where the positions furnished are for practically hour work, or day work at the most. Figures carefully compiled in the office of the Bureau of Labor Statistics show that the average fee of the private agencies, excluding teachers' agencies, amounts to about \$1.90 for placing each individual, and the records of the private agencies do not begin to compare with the records kept by these bureaus.

#### **ADVERTISING.**

No money was paid out directly by the bureaus for advertising in newspapers or periodicals. At the outset about 3,000 circular letters were mailed to the large employers of labor in California, and every

month a bulletin is sent to the papers throughout the state telling just what the bureaus are accomplishing. The papers in general have given us good notices, and no small part of our success is due to the publicity received in this manner.

The press of the state is to be thanked for its cooperation in the matter of publicity, particularly those publications which have run our advertisement of positions without cost to the bureau.

#### **PATRONS.**

The first month was rather slow work, over 5,300 registering in San Francisco, Oakland and Sacramento, and only 409 being applied for. Each month showed an improvement, however, as we became known and were making good. Some employers on being solicited gave us a tryout order rather skeptically, and eventually gave us all their business. At the end of nine months we had 8,206 employers listed on our employers' ledger.

Our list of patrons now includes many of the large firms and public service corporations. It is gratifying to note that many of the large employers have sent us recommendations commending the service of the bureaus.

#### **RECOMMENDATIONS.**

To render more efficient service in Sacramento it would be well if the male and female departments would be brought together in a ground-floor corner, but the difficulty has been to get a suitable location.

For San Francisco a commercial department should be organized with a competent person in charge, and a day-workers' department for females would also improve the service there. Of course, if the fee employment agencies are abolished in the near future, or bureaus are established in several more cities of the state, some radical changes will be necessary, all of course depending on how much money is appropriated for the bureaus.

#### **DIRECT CONTACT WITH OFFICE NECESSARY.**

Although these bureaus are maintained by the state of California, and all residents are entitled to the use of the offices, one of the greatest difficulties we have had to contend with is how to handle applicants living outside the towns in which offices are maintained. In a great many cases the employers want to interview several applicants, and the wages, hours of work and living conditions have to be explained so there will be no misunderstanding. When an out-of-town applicant writes that he wants to go on a particular job, we can not ask him to pay his way to town on the chance that the employer may take him. If an applicant spent time and money on a fruitless effort he

would naturally hold the office to blame, so in practice we have found that the applicant on hand generally lands the job, and each particular office is maintained practically for the benefit of the residents of that town. The only remedy apparent is to provide offices for those towns where two or more fee agencies have found it profitable to exist.

#### **REDUCED TRANSPORTATION RATES FOR WORKERS.**

Since 1912 there has been an arrangement in effect whereby employees of seasonal resorts have been granted a half-fare from point of employment to their work, and a good number take advantage of this privilege every year.

The Labor Commissioner has been of the opinion that this would be a good measure to apply to all workers, irrespective of any particular class. It would be a benefit to employers as well as employees, as many employers each year have to advance transportation. In some cases this money advanced is deducted from the employee's salary, but in a good many instances the fare is absorbed by the employer conditional upon the employee's continuing work for a stated period.

During the cotton season just closed in Imperial Valley the growers had petitioned our bureau to help them out in getting pickers for their cotton. Our representative made his headquarters in the valley, but first found it was necessary to do something in the way of getting reduced transportation. He finally succeeded in getting half rates twice a week for parties of ten or more, and thereby greatly helped the cotton growers.

If some permanent arrangement were effected with the railroads for smaller groups, or even for individuals, it would be a step in the right direction towards helping out the seasonal agricultural industries throughout the state. One of the greatest drawbacks at present is to get help to pay a fairly stiff fare for a short job, and the producer suffers accordingly.

#### **RULES FOR CONDUCT OF OFFICES.**

In accordance with the law creating the bureaus, the Labor Commissioner has adopted the following rules to govern in the conduct of the bureaus:

No fees, direct or indirect, shall in any case be taken from applicants seeking employment. Any person connected with the bureaus who directly or indirectly charges or receives any fee or other remuneration in the performance of his duties will be summarily dismissed from the service, and shall be disqualified from holding further connection with the bureaus.

No applicant shall be discriminated against because of his religious or political belief, nor shall membership in any religious, political or social society secure for an applicant any advantages over other applicants for work.

The bureaus shall keep a strictly neutral course as regards strikes and lockouts. On all orders received from employers against whom a strike or lockout is in existence, notice of such strike or lockout shall be put on the face of the order and listed on blackboard. No special inducements shall be made to get persons to accept employment in such cases. Full information shall be given to all applicants regarding the existence of such strike or lockout, and no person shall suffer any disqualification or be otherwise prejudiced on account of refusing to accept employment under such conditions. Should an applicant decide to accept service where a strike or lockout exists, his introductory card should have the information that there is a strike or lockout on, as the case may be, and the applicant in such cases must sign a statement to the effect that working conditions have been satisfactorily explained by the bureau.

Applicants shall be registered at stated hours each day as prescribed by the superintendent of bureaus, and uniform courtesy must be shown all applicants who seek information as to positions open.

These bureaus reserve the right to send out the applicants who they think are best fitted to perform the duties of the position to be filled.

# ANALYSIS OF STATISTICAL TABLES.

## PUBLIC EMPLOYMENT BUREAUS.

Number of Applications for Help From Employers and Number of Employers  
Patronizing Offices, From February 1, 1916, to October 31, 1916.

TABLES No. 1 to No. 5, inclusive.

TABLE NO. 1.—*San Francisco*. Of the 9,352 applications for help, 7,047, or 75.4 per cent, were from employers in San Francisco, and 2,305, or 24.6 per cent, from outside San Francisco. The greatest demand was made in August, when 1,571 applications were made to the offices. A total of 3,715 individual employers made use of the offices, 776 of whom gave their first order in the banner month of June. Each employer averaged 2.52 orders, and applied for a total of 5.71 persons, or 2.27 persons per order.

TABLE NO. 2.—*Oakland*. Of the 5,342 applications for help, 4,980, or 93.2 per cent, were from employers in Oakland, and 362, or 6.8 per cent, were from outside Oakland. The greatest demand was made in August, when 943 applications were made to the office. A total of 2,207 individual employers made use of the office, 379 of whom gave their first order in the banner month of September. Each employer averaged 2.42 orders, and applied for a total of 3.36 persons, or 1.39 persons per order.

TABLE NO. 3.—*Sacramento*. Of the 2,862 applications for help, 1,510, or 52.8 per cent, were from employers in Sacramento, and 1,352, or 47.2 per cent, were from outside Sacramento. The greatest demand was made in September, when 655 applications were made to the office. A total of 1,072 individual employers made use of the office, 168 of whom gave their first order in the banner month of September. Each employer averaged 2.67 orders, and applied for a total of 7.86 persons, or 2.94 persons per order.

TABLE NO. 4.—*Los Angeles*. The 3,093 applications for help were all received from employers outside of Los Angeles City, being the state's pro rata of the joint office business. The greatest demand was made in September, when 485 applications were made to the office. A total of 1,212 individual employers made use of the office, of whom 191 gave their first order in the banner month of May. Each employer averaged 2.55 orders, and applied for a total of 10.37 persons, or 4.06 persons per order.

TABLE No. 5.—*All Offices.* Of the 20,649 applications for help, 13,537, or 65.6 per cent, were from employers in cities where offices are maintained, and 7,112, or 34.4 per cent, from employers outside these cities. The greatest demand was made on the bureaus in September, when 3,498 applications came in. A total of 8,206 individual employers made use of the bureaus, of whom 1,273 gave their first order in the banner month of June. Each employer averaged 2.52 orders, and applied for a total of 6.05 persons, or 2.40 persons per order.

The 20,649 applications were furnished by the different offices in the following amounts and proportions: San Francisco, 9,352, or 45.3 per cent; Oakland, 5,342, or 25.9 per cent; Sacramento, 2,862, or 13.8 per cent; and Los Angeles, 3,093, or 15.0 per cent.

The 8,206 employers comprise 3,715, or 45.3 per cent, from San Francisco; 2,207, or 26.9 per cent, from Oakland; 1,072, or 13.0 per cent, from Sacramento; and 1,212, or 14.8 per cent, from Los Angeles.

**Number of Persons Applied for From February 1, 1916, to October 31, 1916.**

TABLES No. 6 to No. 10, inclusive.

TABLE No. 6.—*San Francisco.* Of the 21,217 persons applied for, 17,813, or 84.0 per cent, were males, and 3,404, or 16.0 per cent, were females; 12,068, or 56.9 per cent, were wanted in town, and 9,149, or 43.1 per cent, out of town. Of the 12,068 wanted in town, 9,166, or 76.0 per cent, were males and 2,902, or 24.0 per cent, were females. Of the 9,149 wanted out of town, 8,647, or 94.5 per cent, were males and 502, or 5.5 per cent, were females.

TABLE No. 7.—*Oakland.* Of the 7,413 persons applied for, 5,130, or 69.2 per cent, were males and 2,283, or 30.8 per cent, were females; 6,763, or 91.2 per cent, were wanted in town and 650, or 8.8 per cent, out of town. Of the 6,763 wanted in town, 4,611, or 68.2 per cent, were males and 2,152, or 31.8 per cent, were females. Of the 650 wanted out of town, 519, or 79.8 per cent, were males and 131, or 20.2 per cent, were females.

TABLE No. 8.—*Sacramento.* Of the 8,426 persons applied for, 7,621, or 90.4 per cent, were males and 805, or 9.6 per cent, were females; 3,035, or 36.0 per cent, were wanted in town and 5,391, or 64.0 per cent, out of town. Of the 3,035 wanted in town, 2,483, or 81.8 per cent, were males and 552, or 18.2 per cent, were females. Of the 5,391 wanted out of town, 5,138, or 95.3 per cent, were males and 253, or 4.7 per cent, were females.

TABLE No. 9.—*Los Angeles.* Of the 12,569 persons applied for, 11,108, or 88.4 per cent, were males and 1,461, or 11.6 per cent, were females. The entire 12,569 were wanted out of town.

TABLE No. 10.—*All Offices.* Of the 49,625 persons applied for, 41,672, or 84.0 per cent, were males and 7,953, or 16.0 per cent, were females; 21,866, or 44.1 per cent, were wanted in the cities where offices are maintained and 27,759, or 55.9 per cent, outside the towns. Of the 21,866 wanted in town, 16,260, or 74.4 per cent, were males and 5,606, or 25.6 per cent, were females. Of the 27,759 wanted out of town, 25,412, or 91.6 per cent, were males and 2,347, or 8.4 per cent, were females.

Demand was made on the San Francisco office for 21,217, or 42.8 per cent, of the 49,625 wanted; on Oakland for 7,413, or 14.9 per cent; on Sacramento for 8,426, or 17.0 per cent; and on Los Angeles for 12,569, or 25.3 per cent.

**Number of Persons Referred to Positions From February 1, 1916, to October 31, 1916.**

TABLES No. 11 to No. 15, inclusive.

TABLE No. 11.—*San Francisco.* Of the 19,079 persons referred to positions, 15,548, or 81.5 per cent, were males and 3,531, or 18.5 per cent, were females; 12,163, or 63.8 per cent, were referred to positions in town and 6,916, or 36.2 per cent, to positions out of town. Of the 12,163 referred in town, 8,873, or 73.0 per cent, were males and 3,290, or 27.0 per cent, were females. Of the 6,916 referred to out-of-town positions, 6,675, or 96.5 per cent, were males and 241, or 3.5 per cent, were females.

TABLE No. 12.—*Oakland.* Of the 7,402 person referred to positions, 5,107, or 69.0 per cent, were males and 2,295, or 31.0 per cent, were females; 6,979, or 94.3 per cent, were referred to positions in town and 423, or 5.7 per cent, to positions out of town. Of the 6,979 referred in town, 4,752, or 68.1 per cent, were males and 2,227, or 31.9 per cent, were females. Of the 423 referred to out-of-town positions, 355, or 83.9 per cent, were males, and 68, or 16.1 per cent, were females.

TABLE No. 13.—*Sacramento.* Of the 7,011 persons referred to positions, 6,276, or 89.5 per cent, were males and 735, or 10.5 per cent, were females; 2,718, or 38.8 per cent, were referred to positions in town and 4,293, or 61.2 per cent, to positions out of town. Of the 2,718 referred in town, 2,187, or 80.5 per cent, were males and 531, or 19.5 per cent, were females. Of the 4,293 referred to out-of-town positions, 4,089, or 95.2 per cent, were males and 204, or 4.8 per cent, were females.

TABLE No. 14.—*Los Angeles.* Of the 11,967 persons referred to positions, 10,815, or 90.4 per cent, were males and 1,152, or 9.6 per cent, were females. The entire 11,967 were referred for out-of-town positions.



TABLE NO. 15.—*All Offices.* Of the 45,459 persons referred to positions, 37,746, or 83.0 per cent, were males and 7,713, or 17.0 per cent, were females; 21,860, or 48.1 per cent, were referred to positions in the towns where offices are maintained and 23,599, or 51.9 per cent, to positions outside of these towns. Of the 21,860 referred in town, 15,812, or 72.3 per cent, were males and 6,048, or 27.7 per cent, were females. Of the 23,599 referred to out-of-town positions, 21,934, or 92.9 per cent, were males and 1,665, or 7.1 per cent, were females.

The total of 45,459 referred by all offices was made up by 19,079, or 42.0 per cent, from San Francisco; 7,402, or 16.3 per cent, from Oakland; 7,011, or 15.4 per cent, from Sacramento, and 11,967, or 26.3 per cent, from Los Angeles.

**Positions Reported Filled From February 1, 1916, to October 31, 1916.**

TABLES No. 16 to No. 20, inclusive.

TABLE NO. 16.—*San Francisco.* Of the 15,101 positions reported filled by the San Francisco office, 12,838, or 85.0 per cent, were for males and 2,263, or 15.0 per cent, were for females; 9,031, or 59.8 per cent, were placements in San Francisco and 6,070, or 40.2 per cent, were out of town. Of the 9,031 positions in town, 6,940, or 76.8 per cent, were for males and 2,091, or 23.2 per cent, were for females. Of the 6,070 out-of-town positions, 5,898, or 97.2 per cent, were filled by males and 172, or 2.8 per cent, were filled by females.

TABLE NO. 17.—*Oakland.* Of the 5,427 positions reported filled by the Oakland office, 4,047, or 74.6 per cent, were for males and 1,380, or 25.4 per cent, were for females; 5,029, or 92.7 per cent, were placements in Oakland and 398, or 7.3 per cent, were out of town. Of the 5,029 positions in town, 3,709, or 73.8 per cent, were for males and 1,320, or 26.2 per cent, were for females. Of the 398 out-of-town positions, 338, or 84.9 per cent, were filled by males and 60, or 15.1 per cent, were filled by females.

TABLE NO. 18.—*Sacramento.* Of the 6,435 positions filled by the Sacramento office, 6,019, or 93.5 per cent, were for males and 416, or 6.5 per cent, were for females; 2,287, or 35.5 per cent, were placements in Sacramento and 4,148, or 64.5 per cent, were out of town. Of the 2,287 positions in town, 2,026, or 88.6 per cent, were for males and 261, or 11.4 per cent, were for females. Of the 4,148 out-of-town positions, 3,993, or 96.3 per cent, were filled by males and 155, or 3.7 per cent, by females.

TABLE NO. 19.—*Los Angeles.* Of the 11,587 positions filled by the Los Angeles office, 10,550, or 91.1 per cent, were for males and 1,037 or 8.9 per cent, for females. Necessarily all of the 11,587 positions filled were outside the city limits of Los Angeles.

TABLE No. 20.—*All Offices.* Of the 38,550 positions reported filled by the four offices, 33,454, or 86.8 per cent, were for males and 5,096, or 13.2 per cent, for females; 16,347, or 42.4 per cent, were placements in the cities where the offices are maintained and 22,203, or 57.6 per cent, were placed outside these cities. Of the 16,347 positions in town, 12,675, or 77.5 per cent, were for males and 3,672, or 22.5 per cent, were for females. Of the out-of-town positions, 20,779, or 93.6 per cent, were filled by males and 1,424, or 6.4 per cent, by females.

Excluding Los Angeles, the three offices maintained entirely by the state filled 26,963 positions, of which 22,904, or 84.9 per cent, were for males and 4,059, or 15.1 per cent, were for females. Considered from this standpoint, the 16,347 placements in town become 60.6 per cent of the total, and the out-of-town placements are 10,616, or 39.4 per cent. (This variation is due to the fact that all positions credited to the state bureaus from Los Angeles are the out-of-town positions of that office, the positions filled within the city being credited to the municipal bureau.) Of the 10,616 out-of-town positions, 10,229, or 96.4 per cent, were filled by males and 387, or 3.6 per cent, by females. Of course there would be no change in the in-town positions as given above.

**Number of Renewals, and Individuals Placed, From February 1, 1916, to October 31, 1916.**

TABLES No. 21 to No. 24, inclusive.

TABLE No. 21.—*San Francisco.* Of the 12,838 positions furnished to males, 3,821, or 29.8 per cent, were renewals, leaving 9,017 individuals served. During October the renewals amounted to 48.5 per cent, leaving 948, or 51.5 per cent, of the male positions as being given to individuals not previously placed by the office. Of the 2,263 positions furnished females, 478, or 21.1 per cent, were renewals, leaving 1,785 individuals served. During October the renewals amounted to 43.9 per cent, leaving 189, or 56.1 per cent of the female positions as being given to individuals not previously placed by the office.

Of the total 15,101 positions furnished, 4,299, or 28.5 per cent, were renewals, leaving 10,802 individuals served. During October, however, the renewals had crept up to 1,041, or 47.8 per cent of the total 2,178 placements, leaving 1,137, or 52.2 per cent, as being given to individuals not previously placed by the office.

TABLE No. 22.—*Oakland.* Of the 4,047 positions furnished males, 1,789, or 44.2 per cent, were renewals, leaving 2,258 individuals served. During October the renewals amounted to 53.1 per cent, leaving 249, or 46.9 per cent, of the male positions as being given to individuals not previously placed by the office. Of the 1,380 positions furnished to females, 488, or 35.4 per cent, were renewals, leaving 892 individuals

served. During October the renewals amounted to 51.1 per cent, leaving 89, or 48.9 per cent of the female positions as being given to individuals not previously placed by the office.

Of the 5,427 total positions furnished, 2,277, or 42.0 per cent, were renewals, leaving 3,150 individuals served. During October, however, the renewals had crept up to 375, or 52.6 per cent of the total 713 placements, leaving 338, or 47.4 per cent as being given to individuals not previously placed by this office.

TABLE No. 23.—*Sacramento*. Of the 6,019 positions furnished males, 1,622, or 26.9 per cent, were renewals, leaving 4,397 individuals served. During October the renewals amounted to 34.9 per cent, leaving 641, or 65.1 per cent of the male positions as being given to individuals not previously placed by the office. Of the 416 positions furnished females, 98, or 23.6 per cent, were renewals, leaving 318 individuals served. During October the renewals amounted to 36.2 per cent, leaving 30, or 63.8 per cent of the female positions as being given to individuals not previously placed by the office.

Of the 6,435 total positions furnished, 1,720, or 26.7 per cent, were renewals, leaving 4,715 individuals served. During October the renewals had increased to 361, or 35.0 per cent of the total 1,032 placements, leaving 671, or 65.0 per cent as being given to individuals not previously placed by this office.

TABLE No. 24.—*San Francisco, Oakland and Sacramento*. Of the 22,904 positions furnished males in the three offices maintained entirely by the state, 7,232, or 31.6 per cent, were renewals, leaving 15,672 individuals served. During October the renewals amounted to 45.2 per cent, leaving 1,838, or 54.8 per cent of the male positions as being given to individuals not previously placed by these offices.

Of the 4,059 positions furnished females in the same three offices, 1,064, or 26.2 per cent, were renewals, leaving 2,995 individuals served. During October the renewals amounted to 45.6 per cent, leaving 308, or 54.4 per cent of the female positions as being given to individuals not previously placed by these offices.

Of the 26,963 total positions furnished by San Francisco, Oakland and Sacramento, 8,296, or 30.8 per cent, were renewals, leaving 18,667 individuals served. During October the renewals had increased to 1,777, or 45.3 per cent of the total 3,923 placements, leaving 2,146, or 54.7 per cent as being given to individuals not previously placed by these offices.

**Percentages of Individuals Placed to Individuals Registered by Sex From  
February 1, 1916, to October 31, 1916.**

*San Francisco, Oakland and Sacramento.*

TABLE No. 25.

The percentages of males placed to males registered range from 52.5 per cent in San Francisco to 73.6 per cent in Sacramento; of females, from 29.7 in Sacramento to 40.6 per cent in Oakland; and the percentages of both males and females placed to registered range from 47.3 per cent in San Francisco to 66.9 per cent in Sacramento.

**Registration of Applicants for Employment From February 1, 1916, to  
October 31, 1916.**

TABLES No. 26 to No. 29, inclusive.

TABLE No. 26.—*San Francisco.* Of the 22,831 applicants registered, 17,163, or 75.2 per cent, were males and 5,668, or 24.8 per cent, were females; 21,835, or 95.6 per cent, were residents of San Francisco and 996, or 4.4 per cent, were from out of town. Of the 21,835 applicants in town, 16,517, or 75.6 per cent, were males and 5,318, or 24.4 per cent, were females. Of the 996 out-of-town applicants, 646, or 64.9 per cent, were males and 350, or 35.1 per cent, were females.

TABLE No. 27.—*Oakland.* Of the 6,294 applicants registering at the Oakland office, 4,096, or 65.1 per cent, were males and 2,198, or 34.9 per cent, were females; 6,200, or 98.5 per cent, were residents of Oakland and 94, or 1.5 per cent, were from out of town. Of the 6,200 applicants in town, 4,024, or 64.9 per cent, were males and 2,176, or 35.1 per cent, were females. Of the 94 out-of-town applicants, 72, or 76.6 per cent, were males and 22, or 23.4 per cent, were females.

TABLE No. 28.—*Sacramento.* Of the 7,043 applicants registered at the Sacramento office, 5,974, or 84.8 per cent, were males and 1,069, or 15.2 per cent were females; 6,983, or 99.1 per cent, were residents of Sacramento and 60, or 0.9 per cent, were from out of town. Of the 6,983 applicants in town, 5,950, or 85.2 per cent, were males and 1,033, or 14.8 per cent, were females. Of the 60 out-of-town applicants, 24, or 40.0 per cent, were males and 36, or 60.0 per cent, were females.

TABLE No. 29.—*San Francisco, Oakland and Sacramento.* The total of 36,168 applicants were divided as follows among the three registration offices: San Francisco, 22,831, or 63.1 per cent; Oakland, 6,294, or 17.4 per cent, and Sacramento, 7,043, or 19.5 per cent. The males comprised 27,233, or 75.3 per cent, and the females 8,935, or 24.7 per cent. Residents of these three towns furnished 35,018, or 96.8 per cent of the total, and 1,150, or 3.2 per cent, were from outside the towns. Of the 35,018 in-town registrations, 26,491, or 75.7 per cent, were males

and 8,527, or 24.3 per cent, were females. Of the 1,150 out-of-town registrations, 742, or 64.5 per cent, were males and 408, or 35.5 per cent, were females. No registration figures are given for Los Angeles, as applicants sent out of town are taken from their regular register, which of course can not provide for separate registration for in-town and out-of-town work.

**Nativity and Citizenship of Applicants Registered From February 1, 1916, to June 30, 1916.**

TABLE No. 30.

*San Francisco.* Of the 12,630 considered, 7,781, or 61.6 per cent, were native born and 4,849, or 38.4 per cent, were foreign born; 10,120, or 80.1 per cent, were citizens and 2,510, or 19.9 per cent, were aliens.

*Oakland.* Of the 4,080 considered, 2,922, or 71.6 per cent, were native born and 1,158, or 28.4 per cent, were foreign born; 3,535, or 86.6 per cent, were citizens and 545, or 13.4 per cent, were aliens.

*Sacramento.* Of the 3,067 considered, 2,130, or 69.4 per cent, were native born and 937, or 30.6 per cent, were foreign born; 2,566, or 83.7 per cent, were citizens and 501, or 16.3 per cent, were aliens.

*San Francisco, Oakland and Sacramento.* Of the 19,777 considered, 12,833, or 64.9 per cent, were native born and 6,944, or 35.1 per cent, were foreign born; 16,221, or 82.0 per cent, were citizens and 3,556, or 18.0 per cent, were aliens. Of the 16,221 citizens, 11,477, or 70.8 per cent, were males and 4,744, or 29.2 per cent, were females. Of the 3,556 aliens, 2,814, or 79.1 per cent, were males and 742, or 20.9 per cent, were females.

**Marital Condition of Applicants Registered From February 1, 1916, to June 30, 1916.**

TABLE No. 31.

*San Francisco.* Of the 12,630 registered, 7,846, or 62.1 per cent, were single, 3,576, or 28.3 per cent, were married and 1,208, or 9.6 per cent, were widowed. Of the 7,846 single, 6,091, or 77.6 per cent, were males and 1,755, or 22.4 per cent, were females. Of the 3,576 married, 2,651, or 74.1 per cent, were males and 925, or 25.9 per cent, were females. Of the 1,208 widowed, 435, or 36.0 per cent, were males and 773, or 64.0 per cent, were females.

*Oakland.* Of the 4,080 registered, 1,901, or 46.6 per cent, were single, 1,475, or 36.2 per cent, were married and 704, or 17.2 per cent, were widowed. Of the 1,901 single, 1,337, or 70.3 per cent, were males and 564, or 29.7 per cent, were females. Of the 1,475 married, 1,142, or 77.4 per cent, were males and 333, or 22.6 per cent, were females. Of the 704 widowed, 167, or 23.7 per cent, were males and 537, or 76.3 per cent, were females.

*Sacramento.* Of the 3,067 registered, 1,895, or 61.8 per cent, were single, 826, or 26.9 per cent, were married and 346, or 11.3 per cent, were widowed. Of the single, 1,743, or 92.0 per cent, were males and 152, or 8.0 per cent, were females. Of the 826 married, 606, or 73.4 per cent, were males and 220, or 26.6 per cent, were females. Of the 346 widowed, 119, or 34.4 per cent, were males and 227, or 65.6 per cent, were females.

*San Francisco, Oakland and Sacramento.* Of the 19,777 registered, 11,642, or 58.9 per cent, were single, 5,877, or 29.7 per cent were married and 2,258, or 11.4 per cent, were widowed. Of the 11,642 single, 9,171, or 78.8 per cent, were males and 2,471, or 21.2 per cent, were females. Of the 5,877 married, 4,399, or 74.9 per cent, were males and 1,478, or 25.1 per cent, were females. Of the 2,258 widowed, 721, or 31.9 per cent, were males and 1,537, or 68.1 per cent, were females.

**Duration of Residence of Applicants Registered From February 1, 1916, to June 30, 1916.**

TABLES No. 32 to No. 35, inclusive.

TABLE NO. 32.—*San Francisco.* Of the 9,177 males registered to June 30, 1916, 2,198, or 24.0 per cent, resided in San Francisco less than a year and 6,979, or 76.0 per cent, one year or more; 1,206, or 13.1 per cent, resided in California less than a year and 7,971, or 86.9 per cent, one year or more; 399, or 4.3 per cent, resided in the United States less than a year and 8,778, or 95.7 per cent, one year or more.

Of the 3,453 females registered, 620, or 18.0 per cent, resided in San Francisco less than a year and 2,833, or 82.0 per cent, one year or more; 427, or 12.4 per cent, resided in California less than a year and 3,026, or 87.6 per cent, one year or more; 228, or 6.6 per cent, resided in the United States less than a year and 3,225, or 93.4 per cent, one year or more.

Of the total registration of 12,630 up to this period, 2,818, or 22.3 per cent, resided in San Francisco less than a year and 9,812, or 77.7 per cent, one year or more; 1,633, or 12.9 per cent, resided in California less than a year and 10,997, or 87.1 per cent, a year or more; 627, or 5.0 per cent, resided in the United States less than a year and 12,003 or 95.0 per cent, a year or more.

TABLE NO. 33.—*Oakland.* Of the 2,646 males registered to June 30, 1916, 690, or 26.1 per cent, resided in Oakland less than a year and 1,956, or 73.9 per cent, one year or more; 252, or 9.5 per cent, resided in California less than a year and 2,394, or 90.5 per cent, a year or more; 77, or 2.9 per cent, resided in the United States less than a year and 2,569, or 97.1 per cent, a year or more.

Of the 1,434 females registered, 352, or 24.5 per cent, resided in Oakland less than a year and 1,082, or 75.5 per cent, a year or more; 108, or 7.5 per cent, resided in California less than a year and 1,326, or 92.5 per cent, a year or more; 39, or 2.7 per cent, resided in the United States less than a year and 1,395, or 97.3 per cent, a year or more.

Of the total registration of 4,080 up to this period, 1,042, or 25.5 per cent, resided in Oakland less than a year and 3,038, or 74.5 per cent, a year or more; 360, or 8.8 per cent, resided in California less than a year and 3,720, or 91.2 per cent, a year or more; 116, or 2.8 per cent, resided in the United States less than a year and 3,964, or 97.2 per cent, a year or more.

TABLE NO. 34.—*Sacramento*. Of the 2,468 males registered to June 30, 1916, 1,097, or 44.4 per cent, resided in Sacramento less than a year and 1,371, or 55.6 per cent, a year or more; 240, or 9.7 per cent, resided in California less than a year and 2,228, or 90.3 per cent, a year or more; 29, or 1.2 per cent, resided in the United States less than a year and 2,439, or 98.2 per cent, a year or more.

Of the 599 females registered, 256, or 42.7 per cent, resided in Sacramento less than a year and 343, or 57.3 per cent, a year or more; 66, or 11.0 per cent, resided in California less than a year and 533, or 89.0 per cent, a year or more; 26, or 4.3 per cent, resided in the United States less than a year and 573, or 95.7 per cent, a year or more.

Of the total registration of 3,067 up to this period, 1,353, or 44.1 per cent, resided in Sacramento less than a year and 1,714, or 55.9 per cent, a year or more; 306, or 10.0 per cent, resided in California less than a year and 2,761, or 90.0 per cent, a year or more; 55, or 1.8 per cent, resided in the United States less than a year and 3,012, or 98.2 per cent, a year or more.

TABLE NO. 35.—*San Francisco, Oakland and Sacramento*. Of the 14,291 males registered up to June 30, 1916, 3,985, or 27.9 per cent, resided in their respective registration cities less than a year and 10,306, or 72.1 per cent, a year or more; 1,698, or 11.9 per cent, resided in California less than a year and 12,593, or 88.1 per cent, a year or more; 505, or 3.5 per cent, resided in the United States less than a year and 13,786, or 96.5 per cent a year or more.

Of the 5,486 females registered, 1,228, or 22.4 per cent, resided in their respective registration cities less than a year and 4,258, or 77.6 per cent, a year or more; 601, or 11.0 per cent, resided in California less than a year and 4,885, or 89.0 per cent, a year or more; 293, or 5.3 per cent, resided in the United States less than a year and 5,193, or 94.7 per cent, a year or more.

Of the total registration of 19,777 up to this period, 5,213, or 26.4 per cent, resided in their respective registration cities less than a year and 14,564, or 73.6 per cent, a year or more; 2,299, or 11.6 per cent, resided in California less than a year and 17,478, or 88.4 per cent, a year or more; 798, or 4.0 per cent, resided in the United States less than a year and 18,979, or 96.0 per cent, a year or more.

### INDUSTRIES AND OCCUPATIONS.

Showing Registrations, Help Wanted, Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916.

TABLES No. 36 to No. 40, inclusive.

The tables show in detail just what demand was made on the different offices in each occupation of the industries listed, and also just how many applicants were referred and placed.

In some instances the registrations do not equal the number reported placed, because many applicants register under one occupation and will readily accept work at anything turning up. No registration figures are available for the Los Angeles office.

These figures are further condensed into totals for industries only (see tables 41 to 45, inclusive).

Number Wanted and Number Placed, by Industries, From February 1, 1916, to June 30, 1916.

TABLES No. 41 to No. 45, inclusive.

TABLE NO. 41.—*San Francisco*. Of the 5,341 males placed, 1,431, or 26.8 per cent, were taken by transportation and public utilities; followed by hotels and restaurants with 687, or 12.9 per cent; agriculture with 326, or 6.1 per cent; and building and construction with 304, or 5.7 per cent. The miscellaneous group (all others) comprised 2,192, or 41.0 per cent, of the total.

Of the 1,112 females placed, 449, or 40.4 per cent, were taken into private homes; 284, or 25.5 per cent, by hotels and restaurants; and 281, or 25.3 per cent, by factories.

Of the 6,453 placements of both sexes, 1,431, or 22.2 per cent, were in transportation and public utilities; 971, or 15.0 per cent, in hotels and restaurants; 449, or 7.0 per cent, in private homes; 326, or 5.1 per cent, in agriculture; 304, or 4.7 per cent, in building and construction; 281, or 4.4 per cent, in factories; and 88, or 1.4 per cent, in clerical and professional work. The miscellaneous group (all others) accounted for 2,222, or 34.4 per cent of the total.

TABLE NO. 42.—*Oakland*. Of the 1,699 males placed, 329, or 19.4 per cent, were taken by building and construction; followed by hotels and restaurants with 267, or 15.7 per cent; transportation and public



utilities with 182, or 10.7 per cent; agriculture by 130, or 7.7 per cent; and wholesale and retail with 93, or 5.5 per cent. The miscellaneous group (all others) comprised 502, or 29.5 per cent of the total.

Of the 674 females placed, 469, or 70.0 per cent, were taken into private homes; 124, or 18.4 per cent, by hotels and restaurants; and 30, or 4.4 per cent, in office work.

Of the 2,373 placements of both sexes, 469, or 19.8 per cent, were in private homes; 391, or 16.5 per cent, in hotels and restaurants; 329, or 13.9 per cent, in building and construction; 182, or 7.7 per cent, in transportation and public utilities; and 35, or 1.5 per cent, in clerical and professional. The miscellaneous group (all others) accounted for 510, or 21.5 per cent of the total.

TABLE NO. 43.—*Sacramento*. Of the 1,536 males placed, 615, or 40.0 per cent, were taken by transportation and public utilities; followed by building and construction with 330, or 21.5 per cent; agriculture with 322, or 21.0 per cent; and hotels and restaurants with 104, or 6.8 per cent of the total.

Of the 182 females placed, 116, or 63.7 per cent, were taken in private homes; and 53, or 29.1 per cent, by hotels and restaurants.

Of the 1,718 placements of both sexes, 615, or 35.8 per cent, were with transportation and public utility companies; 330, or 19.2 per cent, in the building and construction line; 322, or 18.7 per cent, in agriculture; 157, or 9.1 per cent, in hotels and restaurants; 116, or 6.8 per cent, in private homes; and 3, or 0.2 per cent, in clerical and professional work.

TABLE NO. 44.—*Los Angeles*. Of the 5,159 males placed, 2,031, or 39.5 per cent, were taken by transportation and public utilities; followed by motion pictures with 1,128, or 21.9 per cent; building and construction with 795, or 15.4 per cent; agriculture with 489, or 9.5 per cent; and hotels and restaurants with 297, or 5.8 per cent of the total.

Of the 390 females placed, 216, or 55.4 per cent, were with motion pictures; 72, or 18.5 per cent, in agriculture; 65, or 16.7 per cent, in private homes; and 35, or 9.0 per cent, with hotels and restaurants.

Of the 5,549 placements of both sexes, 2,031, or 36.6 per cent, were with transportation and public utilities; 1,344, or 24.2 per cent, with motion pictures; 795, or 14.3 per cent, with building and construction; 561, or 10.1 per cent, in agriculture; and 332, or 6.0 per cent, with hotels and restaurants.

TABLE NO. 45.—*All Offices*. Of the 13,735 males placed, 4,259, or 31.0 per cent, were taken by transportation and public utilities; followed by building and construction with 1,758, or 12.8 per cent; hotels and restaurants with 1,355, or 9.9 per cent; agriculture with 1,267, or 9.2

per cent, and motion pictures with 1,128, or 8.2 per cent. The miscellaneous group (all others) comprised 2,890, or 21.1 per cent of the total.

Of the 2,358 females placed, 1,099, or 46.6 per cent, were in private homes; 496, or 21.0 per cent, with hotels and restaurants; 305, or 12.9 per cent, in factories; and 216, or 9.2 per cent, in motion pictures.

Of the 16,093 placements of both sexes, 4,259, or 26.5 per cent, were with transportation and public utility companies; 1,851, or 11.5 per cent, with hotels and restaurants; 1,758, or 10.9 per cent, in building and construction; 1,347, or 8.4 per cent, in agriculture; 1,344, or 8.4 per cent, in motion pictures; 1,099, or 6.8 per cent, in private homes; and 129, or 0.8 per cent, in clerical and professional work. The miscellaneous group (all others) comprised 2,935, or 18.2 per cent of the total.

## STATISTICAL TABLES.

TABLE No. 1. Number of Applications for Help From Employers and Number of Employers Patronizing Office.  
San Francisco.

Month	Applications for help			New employers patronizing office each month
	In town	Out of town	Total	
February, 1916 .....	134	27	161	131
March .....	364	134	498	232
April .....	599	161	760	401
May .....	910	235	1,145	395
June .....	798	347	1,145	776
Totals to June 30, 1916.....	2,805	904	3,709	1,995
July .....	942	353	1,295	549
August .....	1,197	374	1,571	253
September .....	1,161	352	1,513	413
October .....	942	322	1,264	505
Totals .....	7,047	2,305	9,352	3,715

TABLE No. 2. Number of Applications for Help From Employers and Number of Employers Patronizing Office.  
Oakland.

Month	Applications for help			New employers patronizing office each month
	In town	Out of town	Total	
February, 1916 .....	110	6	116	89
March .....	346	39	385	252
April .....	466	58	524	261
May .....	543	41	584	253
June .....	510	28	538	228
Totals to June 30, 1916.....	1,975	172	2,147	1,083
July .....	671	58	729	279
August .....	894	49	943	325
September .....	804	41	845	379
October .....	636	42	678	141
Totals .....	4,980	362	5,342	2,207

TABLE No. 3. Number of Applications for Help From Employers and Number of Employers Patronizing Office.  
Sacramento.

Month	Applications for help			New employers patronizing office each month
	In town	Out of town	Total	
February, 1916 .....	24	16	40	37
March .....	65	66	131	117
April .....	118	96	214	78
May .....	182	130	312	144
June .....	163	120	283	101
Totals to June 30, 1916.....	552	428	980	477
July .....	182	158	340	123
August .....	243	216	459	165
September .....	335	320	655	168
October .....	198	230	428	139
Totals .....	1,510	1,352	2,862	1,072

**TABLE No. 4. Number of Applications for Help From Employers and Number of Employers Patronizing Office.**  
Los Angeles.

Month	Applications for help			New employers patronizing office each month
	In town	Out of town	Total	
February, 1916 .....		253	253	35
March .....		137	137	18
April .....		293	293	143
May .....		393	393	191
June .....		403	403	168
Totals to June 30, 1916.....		1,479	1,479	550
July .....		346	346	149
August .....		396	396	168
September .....		485	485	189
October .....		387	387	156
Totals .....		3,093	3,093	1,212

NOTE.—Under arrangement with Los Angeles state is credited only with out of town positions.

**TABLE No. 5. Number of Applications for Help From Employers and Number of Employers Patronizing Offices.**  
All Offices.

Month	Applications for help			New employers patronizing office each month
	In town	Out of town	Total	
February, 1916 .....	268	302	570	292
March .....	775	376	1,151	674
April .....	1,183	608	1,791	883
May .....	1,635	799	2,434	983
June .....	1,471	896	2,369	1,273
Totals to June 30, 1916.....	5,332	2,983	8,315	4,105
July .....	1,795	915	2,710	1,100
August .....	2,334	1,035	3,369	911
September .....	2,300	1,198	3,498	1,149
October .....	1,776	981	2,757	941
Totals .....	13,537	7,112	20,649	8,206

**TABLE No. 6. Number of Persons Applied For.**  
San Francisco.

Month	Male	Female	In town	Out of town	Total
February, 1916 .....	186	38	173	51	224
March .....	943	161	489	615	1,104
April .....	1,690	281	1,112	859	1,971
May .....	2,097	412	1,486	1,023	2,509
June .....	1,953	450	1,339	1,064	2,403
Totals to June 30, 1916.....	6,869	1,342	4,599	3,612	8,211
July .....	2,022	417	1,383	1,056	2,439
August .....	3,169	549	2,122	1,596	3,718
September .....	3,229	506	2,092	1,643	3,735
October .....	2,524	590	1,872	1,242	3,114
Totals .....	17,813	3,404	12,068	9,149	21,217

**TABLE No. 7. Number of Persons Applied For.  
Oakland.**

Month	Male	Female	In town	Out of town	Total
February, 1916	78	54	124	8	132
March	414	176	481	109	590
April	491	201	590	102	692
May	531	264	720	75	795
June	447	216	625	38	663
Totals to June 30, 1916	1,961	911	2,540	332	2,872
July	685	309	919	75	994
August	906	391	1,238	59	1,297
September	924	361	1,160	125	1,285
October	654	311	906	59	965
Totals	5,130	2,283	6,763	650	7,413

**TABLE No. 8. Number of Persons Applied For.  
Sacramento.**

Month	Male	Female	In town	Out of town	Total
February, 1916	39	14	34	19	53
March	185	49	100	134	234
April	415	66	285	196	481
May	546	115	413	248	661
June	646	81	432	295	727
Totals to June 30, 1916	1,831	325	1,264	892	2,156
July	874	85	350	609	959
August	2,232	186	605	1,813	2,418
September	1,468	115	544	1,039	1,583
October	1,216	94	272	1,038	1,310
Totals	7,621	805	3,035	5,391	8,426

**TABLE No. 9. Number of Persons Applied For.  
Los Angeles.**

Month	Male	Female	In town	Out of town	Total
February, 1916	1,261			1,261	1,261
March	589	37		626	626
April	787	70		857	857
May	1,321	168		1,489	1,489
June	1,445	238		1,683	1,683
Totals to June 30, 1916	5,403	513		5,916	5,916
July	1,431	309		1,740	1,740
August	1,272	274		1,546	1,546
September	1,807	226		2,033	2,033
October	1,195	139		1,334	1,334
Totals	11,108	1,461		12,569	12,569

TABLE No. 10. Number of Persons Applied For.  
All Offices.

Month	Male	Female	In town	Out of town	Total
February, 1916	1,564	106	331	1,339	1,670
March	2,131	423	1,070	1,484	2,554
April	3,383	618	1,987	2,014	4,001
May	4,495	959	2,619	2,835	5,454
June	4,491	985	2,396	3,080	5,476
Totals to June 30, 1916	16,064	3,091	8,403	10,752	19,155
July	5,012	1,120	2,652	3,480	6,132
August	7,579	1,400	3,965	5,014	8,979
September	7,428	1,208	3,796	4,840	8,636
October	5,589	1,134	3,050	3,673	6,723
Totals	41,672	7,953	21,866	27,759	49,625

TABLE No. 11. Number of Persons Referred to Positions.  
San Francisco.

Month	Male	Female	In town	Out of town	Total
February, 1916	185	40	175	50	225
March	864	206	511	559	1,070
April	1,362	373	1,087	648	1,735
May	1,738	421	1,437	722	2,159
June	1,957	581	1,421	1,117	2,538
Totals to June 30, 1916	6,106	1,621	4,631	3,096	7,727
July	1,970	446	1,566	850	2,416
August	2,349	500	1,858	991	2,849
September	2,807	400	2,091	1,116	3,207
October	2,316	564	2,017	863	2,880
Totals	15,548	3,531	12,163	6,916	19,079

TABLE No. 12. Number of Persons Referred to Positions.  
Oakland.

Month	Male	Female	In town	Out of town	Total
February, 1916	68	48	109	7	116
March	435	222	572	85	657
April	541	247	597	91	788
May	535	314	817	32	849
June	448	242	660	30	690
Totals to June 30, 1916	2,027	1,073	2,855	245	3,100
July	666	292	912	46	958
August	927	293	1,177	43	1,220
September	823	298	1,072	49	1,121
October	664	339	963	40	1,003
Totals	5,107	2,295	6,979	423	7,402

TABLE No. 13. Number of Persons Referred to Positions.  
Sacramento.

Month	Male	Female	In town	Out of town	Total
February, 1916	38	14	34	18	52
March	162	30	97	95	192
April	382	49	257	174	431
May	469	108	346	231	577
June	607	78	399	286	685
Totals to June 30, 1916	1,658	279	1,133	804	1,937
July	760	71	328	503	831
August	1,558	131	483	1,206	1,689
September	1,292	158	512	938	1,450
October	1,008	96	262	842	1,104
Totals	6,276	735	2,718	4,293	7,011

TABLE No. 14. Number of Persons Referred to Positions.  
Los Angeles.

Month	Male	Female	In town	Out of town	Total
February, 1916	1,255			1,255	1,255
March	577	27		604	631
April	779	55		834	834
May	1,274	119		1,393	1,393
June	1,403	211		1,614	1,614
Totals to June 30, 1916	5,288	412		5,700	5,700
July	1,432	263		1,695	1,695
August	1,241	230		1,471	1,471
September	1,695	162		1,857	1,857
October	1,159	85		1,244	1,244
Totals	10,815	1,152		11,967	11,967

TABLE No. 15. Number of Persons Referred to Positions.  
All Offices.

Month	Male	Female	In town	Out of town	Total
February, 1916	1,546	102	318	1,330	1,648
March	2,038	485	1,180	1,343	2,523
April	3,064	724	2,041	1,747	3,788
May	4,016	962	2,600	2,378	4,978
June	4,415	1,112	2,480	3,047	5,527
Totals to June 30, 1916	15,079	3,385	8,619	9,845	18,464
July	4,828	1,072	2,806	3,094	5,900
August	6,075	1,154	3,518	3,711	7,229
September	6,617	1,018	3,675	3,960	7,635
October	5,147	1,084	3,242	2,989	6,231
Totals	37,746	7,713	21,860	23,599	45,459

TABLE No. 16. Positions Reported Filled.  
San Francisco.

Month	Male	Female	In town	Out of town	Total
February, 1916 .....	102	34	120	16	136
March .....	747	132	363	516	879
April .....	1,205	308	974	539	1,513
May .....	1,433	285	1,093	625	1,718
June .....	1,854	353	1,249	958	2,207
Totals to June 30, 1916.....	5,341	1,112	3,799	2,654	6,453
July .....	1,465	260	980	745	1,725
August .....	1,864	309	1,293	880	2,173
September .....	2,327	245	1,548	1,024	2,572
October .....	1,841	337	1,411	767	2,178
Totals .....	12,838	2,263	9,031	6,070	15,101

TABLE No. 17. Positions Reported Filled.  
Oakland.

Month	Male	Female	In town	Out of town	Total
February, 1916 .....	54	39	87	6	93
March .....	365	136	422	79	501
April .....	449	141	499	91	590
May .....	438	187	596	29	625
June .....	393	171	541	23	564
Totals to June 30, 1916.....	1,699	674	2,145	228	2,373
July .....	549	188	697	40	737
August .....	654	149	775	28	803
September .....	614	187	743	58	801
October .....	531	182	669	44	713
Totals .....	4,047	1,380	5,029	398	5,427

TABLE No. 18. Positions Reported Filled.  
Sacramento.

Month	Male	Female	In town	Out of town	Total
February, 1916 .....	29	14	25	18	43
March .....	93	27	63	57	120
April .....	345	39	223	161	384
May .....	466	52	301	217	518
June .....	603	50	368	285	653
Totals to June 30, 1916.....	1,536	182	980	738	1,718
July .....	734	43	306	471	777
August .....	1,527	59	385	1,201	1,586
September .....	1,237	85	414	908	1,322
October .....	985	47	202	830	1,032
Totals .....	6,019	416	2,287	4,148	6,435



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TABLE No. 19. Positions Reported Filled.  
Los Angeles.

Month	Male	Female	In town	Out of town	Total
February, 1916	1,253	-----	-----	1,253	1,253
March	564	25	-----	589	589
April	756	43	-----	799	799
May	1,235	116	-----	1,351	1,351
June	1,351	206	-----	1,557	1,557
Totals to June 30, 1916	5,159	390	-----	5,549	5,549
July	1,392	238	-----	1,630	1,630
August	1,199	191	-----	1,390	1,390
September	1,661	146	-----	1,807	1,807
October	1,139	72	-----	1,211	1,211
Totals	10,550	1,037	-----	11,587	11,587

TABLE No. 20. Positions Reported Filled.  
All Offices.

Month	Male	Female	In town	Out of town	Total
February, 1916	1,438	87	232	1,293	1,525
March	1,769	320	848	1,241	2,089
April	2,755	531	1,696	1,590	3,286
May	3,572	640	1,990	2,222	4,212
June	4,201	780	2,158	2,823	4,981
Totals to June 30, 1916	13,735	2,358	6,924	9,169	16,093
July	4,140	729	1,983	2,886	4,869
August	5,244	708	2,453	3,499	5,952
September	5,839	663	2,705	3,797	6,502
October	4,496	638	2,282	2,852	5,134
Totals	33,454	5,096	16,347	22,203	38,550

TABLE No. 21. Number of Renewals, and Individuals Placed, by Sex.  
San Francisco.

Month	Males			Females			Males and females		
	Posi- tions fur- nished	Re- newals	New indi- viduals placed	Posi- tions fur- nished	Re- newals	New indi- viduals placed	Posi- tions fur- nished	Re- newals	New indi- viduals placed
February, 1916	102	5	97	34	3	31	136	8	128
March	747	76	671	132	20	112	879	96	782
April	1,205	251	951	308	45	263	1,513	299	1,214
May	1,433	438	995	285	47	238	1,718	485	1,233
June	1,854	379	1,475	353	61	292	2,207	440	1,767
Totals to June 30, 1916	5,341	1,152	4,189	1,112	176	936	6,453	1,328	5,125
July	1,465	299	1,166	260	46	214	1,725	345	1,380
August	1,864	680	1,184	309	48	261	2,173	728	1,445
September	2,327	797	1,530	245	60	185	2,572	857	1,715
October	1,841	893	948	337	148	189	2,178	1,041	1,137
Totals	12,838	3,821	9,017	2,263	478	1,785	15,101	4,299	10,802

**TABLE No. 22. Number of Renewals, and Individuals Placed, by Sex. Oakland.**

Month	Males			Females			Males and females		
	Posi- tions fur- nished	Re- newals	New indi- viduals placed	Posi- tions fur- nished	Re- newals	New indi- viduals placed	Posi- tions fur- nished	Re- newals	New indi- viduals placed
February, 1916 -----	54	9	45	39	15	24	93	24	69
March -----	365	80	285	136	41	95	501	121	380
April -----	449	117	332	141	37	104	590	154	436
May -----	438	223	215	187	71	116	625	294	331
June -----	393	198	195	171	77	94	564	275	289
Totals to June 30, 1916 -----	1,699	627	1,072	674	241	433	2,373	868	1,505
July -----	549	288	261	188	34	154	737	322	415
August -----	654	310	344	149	59	90	803	369	434
September -----	614	282	332	187	61	126	801	343	458
October -----	531	282	249	182	93	89	713	375	338
Totals -----	4,047	1,789	2,258	1,380	488	892	5,427	2,277	3,150

**TABLE No. 23. Number of Renewals, and Individuals Placed, by Sex. Sacramento.**

Month	Males			Females			Males and females		
	Posi- tions fur- nished	Re- newals	New indi- viduals placed	Posi- tions fur- nished	Re- newals	New indi- viduals placed	Posi- tions fur- nished	Re- newals	New indi- viduals placed
February, 1916 -----	29	1	28	14	1	13	43	2	41
March -----	93	20	73	27	4	23	120	24	96
April -----	345	28	317	39	10	29	384	38	346
May -----	466	48	418	52	10	42	518	58	460
June -----	603	201	402	50	16	34	653	217	436
Totals to June 30, 1916 -----	1,536	298	1,238	182	41	141	1,718	339	1,379
July -----	734	249	485	43	10	33	777	259	518
August -----	1,527	310	1,217	59	19	40	1,586	329	1,257
September -----	1,237	421	816	85	11	74	1,322	432	890
October -----	985	344	641	47	17	30	1,032	361	671
Totals -----	6,019	1,622	4,397	416	98	318	6,435	1,720	4,715

**TABLE No. 24. Number of Renewals, and Individuals Placed, by Sex.  
San Francisco, Oakland and Sacramento.**

Month	Males			Females			Males and females		
	Posi- tions fur- nished	Re- newals	New indi- viduals placed	Posi- tions fur- nished	Re- newals	New indi- viduals placed	Posi- tions fur- nished	Re- newals	New indi- viduals placed
February, 1916 -----	185	15	170	87	19	68	272	34	238
March -----	1,205	176	1,029	295	65	230	1,500	241	1,259
April -----	1,999	399	1,600	488	92	396	2,487	491	1,996
May -----	2,337	709	1,628	524	128	396	2,861	837	2,024
June -----	2,850	778	2,072	574	154	420	3,424	932	2,492
Totals to June 30, 1916 -----	8,576	2,077	6,499	1,968	458	1,510	10,544	2,535	8,009
July -----	2,748	836	1,912	491	90	401	3,239	926	2,313
August -----	4,045	1,300	2,745	517	126	391	4,562	1,426	3,136
September -----	4,178	1,500	2,678	517	132	385	4,695	1,632	3,063
October -----	3,357	1,519	1,838	566	258	308	3,923	1,777	2,146
Totals -----	22,904	7,232	15,672	4,059	1,064	2,995	26,963	8,296	18,667

Figures for Los Angeles not available.

**TABLE No. 25. Percentage of Individuals Placed to Individuals Registered, by Sex  
From February 1, 1916, to October 31, 1916.  
San Francisco, Oakland and Sacramento.**

Office	Males			Females			Total		
	Indi- viduals regis- tered	Indi- viduals placed	Per cent of placed to regis- tration	Indi- viduals regis- tered	Indi- viduals placed	Per cent of placed to regis- tration	Indi- viduals regis- tered	Indi- viduals placed	Per cent of placed to regis- tration
San Francisco -----	17,163	9,017	52.5	5,668	1,785	31.5	22,831	10,802	47.3
Oakland -----	4,096	2,258	55.1	2,198	892	40.6	6,294	3,150	50.0
Sacramento -----	5,974	4,397	73.6	1,069	318	29.7	7,043	4,715	66.9
Totals -----	27,233	15,672	57.5	8,935	2,995	33.3	36,168	18,667	51.6

Figures for Los Angeles not available.

TABLE No. 26. Registration of Applicants for Employment.  
San Francisco.

Month	Male	Female	In town	Out of town	Total
February, 1916	2,661	698	3,284	75	3,359
March	1,559	551	2,048	62	2,110
April	1,552	575	2,058	69	2,127
May	1,570	708	2,200	78	2,278
June	1,835	921	2,646	110	2,756
Totals to June 30, 1916	9,177	3,453	12,236	394	12,630
July	1,777	529	2,183	123	2,306
August	1,855	563	2,264	154	2,418
September	2,280	484	2,622	142	2,764
October	2,074	639	2,530	183	2,713
Totals	17,163	5,668	21,835	996	22,831

TABLE No. 27. Registration of Applicants for Employment.  
Oakland.

Month	Male	Female	In town	Out of town	Total
February, 1916	818	322	1,071	69	1,140
March	598	359	945	12	957
April	424	256	676	4	680
May	408	245	647	6	653
June	398	252	649	1	650
Totals to June 30, 1916	2,646	1,434	3,988	92	4,080
July	348	193	541	-----	541
August	434	201	633	2	635
September	360	176	536	-----	536
October	308	194	502	-----	502
Totals	4,096	2,198	6,200	94	6,294

TABLE No. 28. Registration of Applicants for Employment.  
Sacramento.

Month	Male	Female	In town	Out of town	Total
February, 1916	690	119	805	4	809
March	377	117	491	3	494
April	412	141	551	2	553
May	504	125	617	12	629
June	485	97	576	6	582
Totals to June 30, 1916	2,468	599	3,040	27	3,067
July	713	88	796	5	801
August	1,312	128	1,428	12	1,440
September	807	137	932	12	944
October	674	117	787	4	791
Totals	5,974	1,069	6,983	60	7,043

**TABLE No. 29. Registration of Applicants for Employment.  
San Francisco, Oakland and Sacramento.**

Month	Male	Female	In town	Out of town	Total
February, 1916 -----	4,169	1,139	5,160	148	5,308
March -----	2,534	1,027	3,484	77	3,561
April -----	2,388	972	3,285	75	3,360
May -----	2,482	1,078	3,464	96	3,560
June -----	2,718	1,270	3,871	117	3,988
Totals to June 30, 1916 -----	14,291	5,486	19,264	513	19,777
July -----	2,838	810	3,520	128	3,648
August -----	3,601	892	4,325	168	4,493
September -----	3,447	797	4,090	154	4,244
October -----	3,056	950	3,819	187	4,006
Totals -----	27,233	8,935	35,018	1,150	36,168

Figures for Los Angeles not available.

**TABLE No. 30. Nativity and Citizenship of Applicants Registered From February 1, 1916, to June 30, 1916.  
San Francisco, Oakland and Sacramento.**

		San Francisco	Oakland	Sacramento	Total
Native born -----	Male	5,308	1,851	1,618	8,777
	Female	2,473	1,071	512	4,056
	Total	7,781	2,922	2,130	12,833
Foreign born -----	Total	4,849	1,158	937	6,944
Citizens -----	Male	1,888	430	382	2,700
	Female	451	183	54	688
	Total	2,339	613	436	3,388
Aliens -----	Male	1,981	365	468	2,814
	Female	529	180	33	742
	Total	2,510	545	501	3,556

Figures for Los Angeles not available.

**TABLE No. 31. Marital Condition of Applicants Registered From February 1, 1916, to June 30, 1916.  
San Francisco, Oakland and Sacramento.**

		San Francisco	Oakland	Sacramento	Total
Single -----	Male	6,091	1,337	1,743	9,171
	Female	1,755	564	152	2,471
	Total	7,846	1,901	1,895	11,642
Married -----	Male	2,651	1,142	606	4,399
	Female	925	333	220	1,478
	Total	3,576	1,475	826	5,877
Widowed -----	Male	435	167	119	721
	Female	773	537	227	1,537
	Total	1,208	704	346	2,258

Figures for Los Angeles not available.

**TABLE No. 32. Duration of Residence of Applicants Registered From February 1, 1916, to June 30, 1916.  
San Francisco.**

Residence	1 year and over			Under 1 year		
	Male	Female	Total	Male	Female	Total
In city .....	6,979	2,833	9,812	2,198	620	2,818
In state .....	7,971	3,026	10,997	1,206	427	1,633
In United States.....	8,778	3,225	12,003	399	228	627

**TABLE No. 33. Duration of Residence of Applicants Registered From February 1, 1916, to June 30, 1916.  
Oakland.**

Residence	1 year and over			Under 1 year		
	Male	Female	Total	Male	Female	Total
In city .....	1,956	1,082	3,038	690	352	1,042
In state .....	2,394	1,326	3,720	252	108	360
In United States.....	2,569	1,395	3,964	77	39	116

**TABLE No. 34. Duration of Residence of Applicants Registered From February 1, 1916, to June 30, 1916.  
Sacramento.**

Residence	1 year and over			Under 1 year		
	Male	Female	Total	Male	Female	Total
In city .....	1,371	343	1,714	1,097	256	1,353
In state .....	2,228	533	2,761	240	66	306
In United States.....	2,439	573	3,012	29	26	55

**TABLE No. 35. Duration of Residence of Applicants Registered From February 1, 1916, to June 30, 1916.  
San Francisco, Oakland and Sacramento.**

Residence	1 year and over			Under 1 year		
	Male	Female	Total	Male	Female	Total
In city .....	10,306	4,258	14,564	3,985	1,228	5,213
In state .....	12,593	4,885	17,478	1,698	601	2,299
In United States.....	13,786	5,193	18,979	505	293	798

Figures for Los Angeles not available.

**TABLE No. 39. Industries and Occupations—Showing Registrations, Help Wanted, Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916.**

**Los Angeles.**

Industry and occupation	Regis- trations*	Help wanted	Referred	Reported placed
<b>MALE.</b>				
<b>AGRICULTURE.</b>				
Dairy hands .....		68	60	57
Farm hands .....		343	339	317
Fruit pickers .....		36	35	33
Fruit packers .....				
Gardeners .....		12	12	11
Others .....		76	74	71
<b>BUILDING AND CONSTRUCTION.</b>				
Bricklayers, masons, plasterers, helpers.....		10	7	6
Carpenters, joiners and helpers.....		269	252	244
Cement workers .....		2	2	2
Electrical workers .....		1	1	1
Marble and stone cutters.....				
Painters, decorators, paperhangers, etc.....		11	13	11
Plumbers, gas and steam fitters.....		1	1	1
Roofers, tinsmiths, sheet metal workers.....		3	3	3
Structural iron workers.....				
Other distinct occupations.....		10	10	10
Building laborers .....		606	560	517
<b>CLERICAL AND PROFESSIONAL.</b>				
Bookkeepers, accountants and cashiers.....		5	5	3
Stenographers and typewriters.....		1		
Office clerks .....				
<b>FOOD, BEVERAGES AND TOBACCO.</b>				
Bakers .....		1	1	1
Brewery workers .....				
Butchers .....		3	3	3
Cigar, cigarette and tobacco workers.....				
Confectionery workers .....				
Other distinct occupations.....				
Laborers .....				
<b>HOTELS AND RESTAURANTS.</b>				
Bartenders .....				
Cooks and chefs.....		95	94	86
Dishwashers .....		133	136	129
Saloon porters .....		12	16	13
Waiters and busboys.....		27	28	26
Others .....		44	43	43
<b>LUMBER.</b>				
Sawmill hands .....				
Woodsmen .....				
Other distinct occupations.....				
Laborers .....		4	4	4
<b>METALS AND MACHINERY.</b>				
Blacksmiths and blacksmith helpers.....		28	27	25
Blast furnace and rolling mill workers.....				
Boilermakers and boilermaker helpers.....		1	1	1
Coremakers .....				
Machinists .....		39	39	38
Machine hands and helpers.....		10	7	7
Molders and molder helpers.....				
Polishers, buffers and platers.....		1		
Other distinct occupations.....		8	7	7
Laborers .....				

\*Registration figures for Los Angeles not available.

TABLE No. 38. Industries and Occupations—Showing Registrations, Help Wanted, Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916—Continued.

## Sacramento.

Industry and occupation	Regis- trations	Help wanted	Referred	Reported placed
<b>MALE—Continued.</b>				
<b>MINING, OIL AND QUARRYING.</b>				
Drillers .....	1			
Miners .....	19	5	4	4
Muckers .....	2	1	1	1
Quarrymen .....				
Others .....	3			
<b>PRINTING AND PUBLISHING.</b>				
Bookbinders .....				
Job printers .....				
Machine operators .....				
Pressmen and feeders .....				
Other distinct occupations .....				
<b>TRANSPORTATION AND PUBLIC UTILITIES.</b>				
Chauffeurs, cab and coach drivers .....	8			
Draymen, teamsters, etc. ....	205	170	160	159
Freight handlers .....	7	34	9	9
Hostlers and stable hands .....	12	6	6	6
Linemen and electricians .....	1			
Marine engineers and firemen .....	1			
Railroad conductors, engineers, firemen, etc. ....	5			
Railroad switchmen, flagmen, yardmen .....				
Railroad laborers (section hands) .....	48	163	105	105
Scamen .....	2			
Street railway conductors and motormen .....	2			
Telephone and telegraph operators .....	1			
Other distinct occupations .....	18	22	23	8
Laborers .....	432	366	353	328
<b>WHOLESALE AND RETAIL TRADE.</b>				
Agents, canvassers, solicitors, etc. ....	2	1	1	
Bundlers and wrappers .....				
Clerks and salesmen .....	47	1	1	1
Deliverymen .....	5			
Shipping and stock clerks .....				
Packers, porters, etc. ....	1			
Other distinct occupations .....	9	8	4	4
Laborers in stores .....	3	1	1	1
Laborers in yards (coal, lumber, etc.) .....				
<b>WOOD WORKING AND FURNITURE.</b>				
Cabinetmakers and finishers .....	1			
Machine wood workers .....	1			
Piano and organ workers .....				
Upholsterers .....	2	1	1	1
Other distinct occupations .....	1			
Laborers .....	2	2	2	2
<b>CASUAL WORKERS.</b>				
Cleaners .....	2			
Handy men .....	4	1	1	1
Others .....	4	2	2	



**TABLE No. 39. Industries and Occupations—Showing Registrations, Help Wanted, Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916—Continued.****Los Angeles.**

Industry and occupation	Regis- trations*	Help wanted	Referred	Reported placed
<b>MALE—Continued.</b>				
<b>MISCELLANEOUS.</b>				
Elevator runners .....		1	1	1
Janitors .....		2	2	2
Messengers and errand boys .....		1	1	1
Porters (except store and saloon) .....		34	32	31
Stationary engineers .....		10	9	9
Stationary firemen .....		2	2	2
Watchmen .....		2	3	2
Laborers .....		63	59	57
Movies .....		1,128	1,129	1,128
Others .....		51	50	49
Total male .....		5,403	5,288	5,159
<b>FEMALE.</b>				
<b>AGRICULTURE.</b>				
Fruit pickers .....		32	32	32
Fruit packers .....		40	40	40
Others .....		2		
<b>CLERICAL AND PROFESSIONAL.</b>				
Bookkeepers, accountants and cashiers .....				
Stenographers and typewriters .....		1		
Other office clerks .....				
<b>FOOD, BEVERAGES AND TOBACCO.</b>				
Cigar, cigarette and tobacco workers .....				
Confectionery workers .....				
Others .....				
<b>HOTELS AND RESTAURANTS.</b>				
Chambermaids .....		7	6	5
Cooks .....		23	9	9
Housekeepers .....		1		
Dishwashers .....		5	5	4
Waitresses .....		25	15	14
Others .....		3	5	3
<b>MANUFACTURING.</b>				
Operators—machine .....				
Piece workers .....				
<b>PRINTING AND PUBLISHING.</b>				
Bindery women .....				
Folders .....				
Press feeders .....				
Proofreaders .....				
<b>PRIVATE HOMES.</b>				
Companions .....		2		
Cooks .....		21	14	12
Day workers .....		1	1	1
Domestics .....		118	56	44
Maids .....		2	2	2
Nurses, practical .....		4	2	2
Nurses, children's .....		6	6	2
Others .....		1	1	2

**TABLE No. 39. Industries and Occupations—Showing Registrations, Help Wanted. Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916—Continued.**

**Los Angeles.**

Industry and occupation	Regis- trations*	Help wanted	Referred	Reported placed
<b>FEMALE—Continued.</b>				
<b>WHOLESALE AND RETAIL.</b>				
Agents, canvassers, solicitors, etc.....	-----	-----	-----	-----
Binders, packers and wrappers.....	-----	-----	-----	-----
Cash girls.....	-----	-----	-----	-----
Saleswomen.....	-----	1	1	1
Stock clerks.....	-----	-----	-----	-----
Others.....	-----	1	-----	-----
<b>MISCELLANEOUS.</b>				
Laundry workers.....	-----	1	1	1
Telephone operators.....	-----	-----	-----	-----
Movies.....	-----	216	216	216
Others.....	-----	-----	-----	-----
Total female.....	-----	513	412	390
Total male and female.....	-----	5,916	5,700	5,549

\*Registration figures for Los Angeles not available.

**TABLE No. 40. Industries and Occupations—Showing Registrations, Help Wanted, Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916.****All Offices.**

Industry and occupation	Regis- trations	Help wanted	Referred	Reported placed
<b>MALE.</b>				
<b>AGRICULTURE.</b>				
Dairy hands .....	188	231	211	174
Farm hands .....	575	685	675	615
Fruit pickers .....	71	173	150	131
Fruit packers .....	12	87	90	86
Gardeners .....	212	129	139	116
Others .....	69	172	157	145
<b>BUILDING AND CONSTRUCTION.</b>				
Bricklayers, masons, plasterers, helpers...	66	74	58	47
Carpenters, joiners and helpers .....	789	674	627	592
Cement workers .....	78	55	66	50
Electrical workers .....	120	11	11	8
Marble and stone cutters .....	31	3	3	3
Painters, decorators, paperhangers, etc...	266	149	157	134
Plumbers, gas and steam fitters .....	121	34	28	22
Roofers, tinsmiths, sheet metal workers...	16	9	10	6
Structural iron workers .....	15	6	4	4
Other distinct occupations .....	96	17	20	17
Building laborers .....	260	988	929	875
<b>CLERICAL AND PROFESSIONAL.</b>				
Bookkeepers, accountants and cashiers...	260	20	33	13
Stenographers and typewriters .....	129	24	27	13
Office clerks .....	448	36	45	28
<b>FOOD, BEVERAGES AND TOBACCO.</b>				
Bakers .....	118	23	27	21
Brewery workers .....	1			
Butchers .....	76	9	9	9
Cigar, cigarette and tobacco workers...	1			
Confectionery workers .....	10	4	4	4
Other distinct occupations .....	24	3	3	3
Laborers .....	49	24	24	22
<b>HOTELS AND RESTAURANTS.</b>				
Bartenders .....	26	1	1	1
Cooks and chefs .....	715	321	333	272
Dishwashers .....	473	764	760	683
Saloon porters .....	49	27	41	26
Waiters and busboys .....	402	305	343	272
Others .....	318	115	112	101
<b>LUMBER.</b>				
Sawmill hands .....	46	14	10	3
Woodsmen .....	41	72	63	59
Other distinct occupations .....	30	29	14	11
Laborers .....	71	138	142	133
<b>METALS AND MACHINERY.</b>				
Blacksmiths and blacksmith helpers...	194	104	103	87
Blast furnace and rolling mill workers...	5	8	8	6
Boilermakers and boilermaker helpers...	54	50	28	27
Coremakers .....	3	3	2	1
Machinists .....	259	148	146	121
Machine hands and helpers .....	134	31	26	22
Molders and molder helpers .....	5	3	2	2
Polishers, buffers and platers .....	10	1		
Other distinct occupations .....	85	30	32	20
Laborers .....	22	36	38	36

Table No. 40. Industries and Occupations—Showing Registrations, Help Wanted, Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916—Continued.

## All Offices.

Industry and occupation	Regis- trations	Help wanted	Referred	Reported placed
<b>MALE—Continued.</b>				
<b>MINING, OIL AND QUARRYING.</b>				
Drillers .....	22	4	4	1
Miners .....	101	113	108	103
Muckers .....	9	61	55	52
Quarrymen .....	2	23	23	23
Others .....	14	88	61	57
<b>PRINTING AND PUBLISHING.</b>				
Bookbinders .....	4			
Job printers .....	15	2	2	2
Machine operators .....	1			
Pressmen and feeders .....	10	1		
Other distinct occupations .....	2	1	2	1
<b>TRANSPORTATION AND PUBLIC UTILITIES.</b>				
Chauffeurs, cab and coach drivers .....	236	17	23	14
Draymen, teamsters, etc. ....	575	442	426	418
Freight handlers .....	21	135	119	114
Hostlers and stable hands .....	39	26	25	22
Linemen and electricians .....	46	6	7	6
Marine engineers and firemen .....	68	3	5	1
Railroad conductors, engineers, firemen, etc. ....	41			
Railroad switchmen, flagmen, yardmen .....	7	2		1
Railroad laborers (section hands) .....	66	3,343	2,888	2,858
Seamen .....	19	10	7	
Street railway conductors and motormen .....	3			
Telephone and telegraph operators .....	2	2	3	1
Other distinct occupations .....	95	89	70	38
Laborers .....	462	840	824	786
<b>WHOLESALE AND RETAIL TRADE.</b>				
Agents, canvassers, solicitors, etc. ....	51	92	99	75
Bundlers and wrappers .....	1	1	1	
Clerks and salesmen .....	430	65	66	29
Deliverymen .....	62	23	20	14
Shipping and stock clerks .....	161	19	25	12
Packers, porters, etc. ....	43	4	6	4
Other distinct occupations .....	38	22	15	11
Laborers in stores .....	30	9	10	7
Laborers in yards (coal, lumber, etc.) .....	9	28	33	21
<b>WOOD WORKING AND FURNITURE.</b>				
Cabinetmakers and finishers .....	25	7	6	6
Machine wood workers .....	8	4	4	4
Piano and organ workers .....				
Upholsterers .....	7	5	5	3
Other distinct occupations .....	28	11	13	10
Laborers .....	20	2	2	2
<b>CASUAL WORKERS.</b>				
Cleaners .....	22	14	11	7
Handy men .....	230	167	174	149
Others .....	20	23	29	21

**TABLE No. 40. Industries and Occupations—Showing Registrations, Help Wanted, Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916—Continued.****All Offices.**

Industry and occupation	Regis- trations	Help wanted	Referred	Reported placed
<b>MALE—Continued.</b>				
<b>MISCELLANEOUS.</b>				
Elevator runners .....	91	21	25	19
Janitors .....	393	113	131	94
Messengers and errand boys .....	126	167	152	129
Porters (except store and saloon) .....	309	293	280	234
Stationary engineers .....	172	27	29	26
Stationary firemen .....	99	15	15	12
Watchmen .....	235	95	100	83
Laborers .....	2,365	2,446	2,149	1,971
Movies .....		1,128	1,129	1,128
Others .....	413	215	187	145
Total male .....	14,291	16,064	15,079	13,735
<b>FEMALE.</b>				
<b>AGRICULTURE.</b>				
Fruit pickers .....		32	32	32
Fruit packers .....	6	50	50	48
Others .....		2		
<b>CLERICAL AND PROFESSIONAL.</b>				
Bookkeepers, accountants and cashiers .....	188	6	10	6
Stenographers and typewriters .....	432	63	114	48
Other office clerks .....	247	24	32	21
<b>FOOD, BEVERAGES AND TOBACCO.</b>				
Cigar, cigarette and tobacco workers .....	1			
Confectionery workers .....	4	2	2	1
Others .....	5	2	3	2
<b>HOTELS AND RESTAURANTS.</b>				
Chambermaids .....	694	170	186	135
Cooks .....	114	71	64	36
Housekeepers .....	236	46	38	25
Dishwashers .....	7	30	33	24
Waitresses .....	451	315	333	257
Others .....	28	33	30	19
<b>MANUFACTURING.</b>				
Operators—machine .....	26	11	11	11
Piece workers .....	215	294	337	294
<b>PRINTING AND PUBLISHING.</b>				
Bindery women .....	2	1	1	1
Folders .....				
Press feeders .....				
Proofreaders .....				
<b>PRIVATE HOMES.</b>				
Companions .....	77	23	26	12
Cooks .....	410	184	170	113
Day workers .....	396	122	120	108
Domestics .....	1,033	1,136	1,313	773
Maids .....	38	38	49	29
Nurses, practical .....	173	45	44	33
Nurses, children's .....	205	54	44	21
Others .....	21	12	13	10

**TABLE No. 40. Industries and Occupations—Showing Registrations, Help Wanted, Number Referred and Number Reported Placed From February 1, 1916, to June 30, 1916—Continued.**

## All Offices.

Industry and occupation	Regis- trations	Help wanted	Referred	Reported placed
<b>FEMALE—Continued.</b>				
<b>WHOLESALE AND RETAIL.</b>				
Agents, canvassers, solicitors, etc.....	6	11	6	4
Binders, packers and wrappers.....	2	2		
Cash girls .....	4			
Saleswomen .....	150	26	31	24
Stock clerks .....	6	6	8	5
Others .....	17	6	5	5
<b>MISCELLANEOUS.</b>				
Laundry workers .....	101	35	38	33
Telephone operators .....	78	8	13	4
Movies .....		216	216	216
Others .....	113	15	13	8
Total female .....	5,486	3,091	3,385	2,358
Total male and female.....	19,777	19,155	18,164	16,093

**TABLE No. 41. Number Wanted and Number Placed by Industries From February 1, 1916, to June 30, 1916.**  
**San Francisco.**

Industry	Males		Females		Total	
	Number wanted	Number placed	Number wanted	Number placed	Number wanted	Number placed
Agriculture .....	410	326			410	326
Building and construction.....	358	304			358	304
Clerical and professional.....	64	45	55	43	119	88
Foods, beverages and tobacco.....	20	18	2	2	22	20
Hotels, restaurants, etc.....	798	687	361	284	1,159	971
Lumber .....	89	52			89	52
Manufacturing (not elsewhere specified) .....			281	281	281	281
Metals and machinery.....	257	186			257	186
Mining, oil and quarrying.....	33	23			33	23
Motion pictures .....						
Printing and publishing.....	2	1			2	1
Private homes .....			585	449	585	449
Transportation and public utilities.....	1,883	1,431			1,883	1,431
Wholesale and retail.....	132	67	25	23	157	90
Wood working and furniture.....	13	9			13	9
All others .....	2,810	2,192	33	30	2,843	2,222
Totals .....	6,869	5,341	1,342	1,112	8,211	6,453

**TABLE No. 42. Number Wanted and Number Placed by Industries From February 1, 1916, to June 30, 1916.**  
**Oakland.**

Industry	Males		Females		Total	
	Number wanted	Number placed	Number wanted	Number placed	Number wanted	Number placed
Agriculture .....	154	130	10	8	164	138
Building and construction.....	379	329			379	329
Clerical and professional.....	8	5	33	30	41	35
Foods, beverages and tobacco .....	13	11			13	11
Hotels, restaurants, etc.....	297	267	148	124	445	391
Lumber .....	91	86			91	86
Manufacturing (not elsewhere specified) .....			24	24	24	24
Metals and machinery.....	47	38			47	38
Mining, oil and quarrying.....	90	55			90	55
Motion pictures .....						
Printing and publishing.....						
Private homes .....			669	469	669	469
Transportation and public utilities.....	207	182			207	182
Wholesale and retail.....	111	93	14	11	125	104
Wood working and furniture.....	1	1			1	1
All others .....	563	502	13	8	576	510
Totals .....	1,961	1,699	911	674	2,872	2,373

**TABLE No. 43. Number Wanted and Number Placed by Industries From February 1, 1916, to June 30, 1916.**  
**Sacramento.**

Industry	Males		Females		Total	
	Number wanted	Number placed	Number wanted	Number placed	Number wanted	Number placed
Agriculture .....	378	322	-----	-----	378	322
Building and construction .....	370	330	-----	-----	370	330
Clerical and professional .....	2	1	4	2	6	3
Foods, beverages and tobacco .....	26	26	2	1	28	27
Hotels, restaurants, etc. ....	127	104	92	53	219	157
Lumber .....	69	64	-----	-----	69	64
Manufacturing (not elsewhere specified) .....	-----	-----	-----	-----	-----	-----
Metals and machinery .....	23	20	-----	-----	23	20
Mining, oil and quarrying .....	6	5	-----	-----	6	5
Motion pictures .....	-----	-----	-----	-----	-----	-----
Printing and publishing .....	-----	-----	1	1	1	1
Private homes .....	-----	-----	205	116	205	116
Transportation and public utilities .....	761	615	-----	-----	761	615
Wholesale and retail .....	11	6	10	3	21	9
Wood working and furniture .....	3	3	-----	-----	3	3
All others .....	55	40	11	6	66	46
<b>Totals .....</b>	<b>1,831</b>	<b>1,536</b>	<b>325</b>	<b>182</b>	<b>2,156</b>	<b>1,718</b>

**TABLE No. 44. Number Wanted and Number Placed by Industries From February 1, 1916, to June 30, 1916.**  
**Los Angeles.**

Industry	Males		Females		Total	
	Number wanted	Number placed	Number wanted	Number placed	Number wanted	Number placed
Agriculture .....	535	489	74	72	609	561
Building and construction .....	913	795	-----	-----	913	795
Clerical and professional .....	6	5	1	-----	7	3
Foods, beverages and tobacco .....	4	4	-----	-----	4	4
Hotels, restaurants, etc. ....	311	297	64	35	375	332
Lumber .....	4	4	-----	-----	4	4
Manufacturing (not elsewhere specified) .....	-----	-----	-----	-----	-----	-----
Metals and machinery .....	87	78	-----	-----	87	78
Mining, oil and quarrying .....	160	153	-----	-----	160	153
Motion pictures .....	1,128	1,128	216	216	1,344	1,344
Printing and publishing .....	2	2	-----	-----	2	2
Private homes .....	-----	-----	155	65	155	65
Transportation and public utilities .....	2,064	2,031	-----	-----	2,064	2,031
Wholesale and retail .....	9	7	2	1	11	8
Wood working and furniture .....	12	12	-----	-----	12	12
All others .....	168	156	1	1	169	157
<b>Totals .....</b>	<b>5,403</b>	<b>5,159</b>	<b>513</b>	<b>390</b>	<b>5,916</b>	<b>5,549</b>



**TABLE No. 45. Number Wanted and Number Placed by Industries From February 1, 1916, to June 30, 1916.**  
**All Offices.**

Industry	Males		Females		Total	
	Number wanted	Number placed	Number wanted	Number placed	Number wanted	Number placed
Agriculture .....	1,477	1,267	84	80	1,561	1,347
Building and construction.....	2,020	1,758			2,020	1,758
Clerical and professional.....	80	54	93	75	173	129
Foods, beverages and tobacco.....	63	59	4	3	67	62
Hotels, restaurants, etc.....	1,533	1,355	665	496	2,198	1,851
Lumber .....	253	206			253	206
Manufacturing (not elsewhere specified) .....			305	305	305	305
Metals and machinery.....	414	322			414	322
Mining, oil and quarrying.....	289	236			289	236
Motion pictures .....	1,128	1,128	216	216	1,344	1,344
Printing and publishing.....	4	3	1	1	5	4
Private homes .....			1,614	1,099	1,614	1,099
Transportation and public utilities.....	4,915	4,259			4,915	4,259
Wholesale and retail.....	263	173	51	38	314	211
Wood working and furniture.....	29	25			29	25
All others .....	3,596	2,890	58	45	3,654	2,935
Totals .....	16,064	13,735	3,091	2,358	19,155	16,093

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## PART III.

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## ORGANIZED LABOR.

In this chapter are presented figures showing the rates of wages and hours of labor on January 1, 1916, in some 467 unions of the state. There is also indicated by foot notes changes in wages and hours made since January 1, 1914, and of which we were able to obtain record. The number of unions reporting does not, of course, represent all the labor organizations in the state.

We have continued the classification adopted in the previous biennial report. This classification is as follows:

### CLASSIFICATION OF LABOR ORGANIZATIONS.

- I. BUILDING, STONE WORKING, ETC.—
  - Stone working.
  - Building and paving trades.
  - Building and street labor.
- II. TRANSPORTATION—
  - Railways.
  - Navigation.
  - Teaming and cab driving.
  - Freight handling.
  - Telegraphs.
- III. CLOTHING AND TEXTILES—
  - Garments.
  - Shirts, collars and laundry.
  - Hats, caps and furs.
  - Boots, shoes and gloves.
  - Textiles.
- IV. METALS, MACHINERY AND SHIPBUILDING—
  - Iron and steel.
  - Other metals.
  - Shipbuilding.
- V. PRINTING, BINDING, ETC.—
- VI. WOOD WORKING AND FURNITURE—
- VII. FOOD AND LIQUORS—
  - Food products.
  - Beverages.
- VIII. THEATERS AND MUSIC—
- IX. TOBACCO—
- X. RESTAURANTS, TRADE, ETC.—
  - Hotels and restaurants.
  - Barbering.
  - Retail trade.
- XI. PUBLIC EMPLOYMENT—
- XII. STATIONARY ENGINEMEN—
- XIII. MISCELLANEOUS—
  - Paper and paper goods.
  - Leather and leather goods.
  - Glass and glassware.
  - Cement and clay products.
  - Other distinct trades.
  - Mixed employment.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.</b>		
<b>(a) STONE WORKING.</b>		
		<i>Granite Cutters—</i>
1	Los Angeles.....	Granite Cutters' International Association of America
		<i>Marble Workers—</i>
2	San Francisco ...	International Marble Workers' Union, No. 38.....
		<i>Paving Block Cutters—</i>
3	Kenwood .....	Paving Cutters' Union of the United States and Canada, No. 120.
4	Santa Rosa .....	Paving Cutters' Union of the United States and Canada, No. 31.
		<i>Quarrymen—</i>
5	Knowles .....	Quarry Workers' International Union of North America, No. 35.
6	Rocklin .....	Quarry Workers' International Union of North America, No. 43.
<b>(b) BUILDING AND PAVING TRADES.</b>		
		<i>Bricklayers and Masons—</i>
7	El Centro .....	Bricklayers, Masons and Plasterers' International Union of America, No. 23.
8	Fresno .....	Bricklayers, Masons and Plasterers' International Union of America, No. 1.
9	Los Angeles .....	Bricklayers, Masons and Plasterers' International Union of America, No. 2.
10	Pasadena .....	Bricklayers, Masons and Plasterers' International Union of America, No. 15.
11	San Jose .....	Bricklayers, Masons and Plasterers' International Union of America, No. 10.
12	Santa Monica ...	Bricklayers, Masons and Plasterers' International Union of America, No. 18.
13	Visalia .....	Bricklayers, Masons and Plasterers' International Union of America, No. 21.
		<i>Carpenters and Joiners—</i>
14	Alameda .....	United Brotherhood of Carpenters and Joiners of America, No. 194.
15	Bakersfield .....	United Brotherhood of Carpenters and Joiners of America, No. 743.
16	Berkeley .....	United Brotherhood of Carpenters and Joiners of America, No. 1158.
17	Berkeley (So.) ...	United Brotherhood of Carpenters and Joiners of America, No. 2532.
18	Eureka .....	United Brotherhood of Carpenters and Joiners of America, No. 1040.
19	Gilroy .....	United Brotherhood of Carpenters and Joiners of America, No. 354.
20	Hanford .....	United Brotherhood of Carpenters and Joiners of America, No. 1043.
21	Haywards .....	United Brotherhood of Carpenters and Joiners of America, No. 815.
22	Lodi .....	United Brotherhood of Carpenters and Joiners of America, No. 1641.
23	Long Beach .....	United Brotherhood of Carpenters and Joiners of America, No. 710.

## WAGES AND HOURS OF LABOR ON JANUARY 1, 1916.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Granite cutters -----	Male	Day	\$5 00	8	44	1
Bed rubbers -----	Male	Day	4 00	8	48	2
Carvers -----	Male	Day	5 50	8	44	
Cutters -----	Male	Day	4 50	8	44	
Polishers -----	Male	Day	3 50	8	48	
Setters -----	Male	Day	5 00	8	44	
Cutters -----	Male	Piece	-----	8	48	3
Cutters -----	Male	Piece	Av.wk. 15 00	8	48	4
Engineers -----	Male	Day	14 00	8	44	5
Laborers -----	Male	Day	22 75	8	44	
Quarrymen -----	Male	Day	23 25	8	44	
Blacksmiths -----	Male	Day	15 00	8	44	6
Engineers -----	Male	Day	14 00	8	44	
Quarrymen -----	Male	Day	13 75	8	44	
Bricklayers -----	Male	Hour	81½	8	44	7
Bricklayers -----	Male	Hour	87½	8	44	8
Bricklayers -----	Male	Hour	75	8	44	9
Bricklayers -----	Male	Hour	75	8	44	10
Bricklayers -----	Male	Hour	87½	8	44	11
Bricklayers -----	Male	Hour	75	8	44	12
Bricklayers -----	Male	Hour	87½	8	44	13
Carpenters -----	Male	Day	5 00	8	44	14
Carpenters -----	Male	Day	5 00	8	44	15
Carpenters -----	Male	Day	5 00	8	44	16
Carpenters -----	Male	Day	5 00	8	44	17
Carpenters -----	Male	Day	4 00	8	48	18
Carpenters -----	Male	Day	4 00	8	48	19
Carpenters -----	Male	Day	4 50	8	48	20
Carpenters -----	Male	Day	5 00	8	44	21
Carpenters -----	Male	Day	4 00	8	48	22
Carpenters -----						23

<sup>1</sup>Engineers on June 1, 1914, wages increased from \$3.00.

<sup>2</sup>Laborers, on June 1, 1914, wages increased from \$2.25.

<sup>3</sup>Quarrymen, June 1, 1914, wages increased from \$3.00.

<sup>4</sup>June 1, 1915, wages increased from \$4.50 per day; hours reduced to 48 weekly.

<sup>5</sup>June 1, 1915, wages increased from \$3.50 per day; hours reduced to 48 weekly.

<sup>6</sup>June 1, 1915, wages increased from \$3.25 per day; hours reduced to 48 weekly.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Carpenters and Joiners—Continued.</i>		
24	Los Angeles -----	United Brotherhood of Carpenters and Joiners of America, No. 2516.
25	Los Angeles -----	United Brotherhood of Carpenters and Joiners of America, No. 158.
26	Los Gatos -----	United Brotherhood of Carpenters and Joiners of America, No. 844.
27	Marysville -----	United Brotherhood of Carpenters and Joiners of America, No. 1517.
28	Merced -----	United Brotherhood of Carpenters and Joiners of America, No. 1202.
29	Mill Valley -----	United Brotherhood of Carpenters and Joiners of America, No. 1710.
30	Monterey -----	United Brotherhood of Carpenters and Joiners of America, No. 1451.
31	Oakland -----	United Brotherhood of Carpenters and Joiners of America, No. 36.
32	Oakland -----	United Brotherhood of Carpenters and Joiners of America, No. 1473.
33	Oakland -----	United Brotherhood of Carpenters and Joiners of America, No. 1667.
34	Oakland -----	Amalgamated Society of Carpenters and Joiners, No. 2533.
35	Oroville -----	United Brotherhood of Carpenters and Joiners of America, No. 1376.
36	Pacific Grove ---	United Brotherhood of Carpenters and Joiners of America, No. 806.
37	Palo Alto -----	United Brotherhood of Carpenters and Joiners of America, No. 668.
38	Pasadena -----	United Brotherhood of Carpenters and Joiners of America, No. 769.
39	Petaluma -----	United Brotherhood of Carpenters and Joiners of America, No. 981.
40	Porterville -----	United Brotherhood of Carpenters and Joiners of America, No. 1688.
41	Redwood City ---	United Brotherhood of Carpenters and Joiners of America, No. 1408.
42	Richmond -----	United Brotherhood of Carpenters and Joiners of America, No. 642.
43	Roseville -----	United Brotherhood of Carpenters and Joiners of America, No. 1928.
44	Sacramento -----	United Brotherhood of Carpenters and Joiners of America, No. 586.
45	Sacramento -----	Amalgamated Society of Carpenters and Joiners, Branch 2549.
46	Salinas -----	United Brotherhood of Carpenter and Joiners of America, No. 925.
47	San Bernardino..	United Brotherhood of Carpenter and Joiners of America, No. 944.
48	San Bruno -----	United Brotherhood of Carpenter and Joiners of America, No. 848.
49	San Diego -----	United Brotherhood of Carpenter and Joiners of America, No. 810.
50	San Diego -----	Amalgamated Society of Carpenters and Joiners, Branch 2553.
51	San Francisco ---	United Brotherhood of Carpenter and Joiners of America, No. 22.
52	San Francisco ---	United Brotherhood of Carpenter and Joiners of America, No. 304.
53	San Francisco ---	United Brotherhood of Carpenter and Joiners of America, No. 483.
54	San Francisco ---	United Brotherhood of Carpenter and Joiners of America, No. 616.
55	San Jose -----	United Brotherhood of Carpenter and Joiners of America, No. 316.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Carpenters -----	Male	Day		8	48	24
Carpenters -----	Male	Day	4 00	8	48	25
Carpenters -----	Male	Day	5 00	8	44	26
Carpenters -----	Male	Day	4 50	8	48	27
Carpenters -----	Male	Day	4 00	8	48	28
Carpenters -----	Male	Day	5 00	8	44	29
Carpenters -----	Male	Day	4 50	8	44	30
Carpenters -----	Male	Day	5 00	8	44	31
Carpenters -----	Male	Day	5 00	8	44	32
Carpenters -----	Male	Day	5 00	8	44	33
Carpenters -----	Male	Day	5 00	8	44	34
Carpenters -----	Male	Day	4 00	8	48	35
Carpenters -----	Male	Day	4 50	8	44	36
Carpenters -----	Male	Day	5 00	8	44	37
Carpenters -----	Male	Day	4 00	8	44	38
Carpenters -----	Male	Day	4 00	8	48	39
Carpenters -----	Male	Day	4 00	8	48	40
Carpenters -----	Male	Day	5 00	8	44	41
Carpenters -----	Male	Day	4 50	8	48	42
Carpenters -----	Male	Day	4 00	8	48	43
Carpenters -----	Male	Day	5 00	8	44	44
Carpenters -----	Male	Day	5 00	8	44	45
Carpenters -----	Male	Day	4 00	8	48	46
Carpenters -----	Male	Day	4 00	8	48	47
Carpenters -----	Male	Day	5 00	8	44	48
Millmen -----	Male	Day	4 50	8	48	
Carpenters -----	Male	Day	4 00	8	44	49
Carpenters -----	Male	Day	3 50	8	44	50
Carpenters -----	Male	Day	5 00	8	44	51
Carpenters -----	Male	Day	5 00	8	44	52
Carpenters -----	Male	Day	5 00	8	44	53
Stairbuilders -----	Male	Day	5 50	8	44	54
Carpenters -----	Male	Day	5 00	8	44	55



## LABOR ORGANIZATIONS: SHOWING RATES OF

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Carpenters and Joiners—Continued.</i>		
56	San Rafael .....	United Brotherhood of Carpenter and Joiners of America, No. 35.
57	Santa Barbara ..	United Brotherhood of Carpenter and Joiners of America, No. 1062.
58	Santa Cruz .....	United Brotherhood of Carpenter and Joiners of America, No. 821.
59	Santa Monica ....	United Brotherhood of Carpenter and Joiners of America, No. 1400.
60	Santa Rosa .....	United Brotherhood of Carpenter and Joiners of America, No. 751.
61	Stockton .....	United Brotherhood of Carpenter and Joiners of America, No. 266.
62	Taft .....	United Brotherhood of Carpenter and Joiners of America, No. 1774.
63	Watsonville .....	United Brotherhood of Carpenter and Joiners of America, No. 771.
64	Woodland .....	United Brotherhood of Carpenter and Joiners of America, No. 1381.
<i>Cement Workers—</i>		
65	Los Angeles .....	American Brotherhood of Cement Workers, No. 3.....
66	San Jose .....	American Brotherhood of Cement Workers, No. 5.....
<i>Electrical Workers—</i>		
67	Bakersfield .....	International Brotherhood of Electrical Workers of America, No. 428.
68	Eureka .....	International Brotherhood of Electrical Workers of America, No. 482.
69	Fresno .....	International Brotherhood of Electrical Workers of America, No. 169.
70	Los Angeles .....	International Brotherhood of Electrical Workers of America, No. 61.
71	Modesto .....	International Brotherhood of Electrical Workers of America, No. 684.
72	Oakland .....	International Brotherhood of Electrical Workers of America, No. 595.
73	Pasadena .....	International Brotherhood of Electrical Workers of America, No. 418.
74	Sacramento .....	International Brotherhood of Electrical Workers of America, No. 340.
75	San Bernardino..	International Brotherhood of Electrical Workers of America, No. 477.
76	San Francisco ...	International Brotherhood of Electrical Workers of America, No. 537.
77	San Jose .....	International Brotherhood of Electrical Workers of America, No. 332.
78	San Mateo .....	International Brotherhood of Electrical Workers of America, No. 617.
79	Santa Ana .....	International Brotherhood of Electrical Workers of America, No. 311.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Carpenters .....	Male	Day	5 00	8	44	56
Carpenters .....	Male	Day	4 00	8	48	57
Carpenters .....	Male	Day	4 00	8	44	58
Carpenters .....	Male	Day	4 00	8	48	59
Carpenters .....	Male	Day	4 50	8	44	60
Carpenters .....	Male	Day	4 40	8	44	61
Carpenters .....	Male	Day	5 00	8	48	62
Carpenters .....	Male	Day	4 50	8	48	63
Carpenters .....	Male	Day	4 00	8	48	64
Finishers .....	Male	Day	5 00	8	48	65
Laborers .....	Male	Day	3 00	8	48	66
Finishers .....	Male	Day	6 00	8	44	
Finishers' helpers .....	Male	Day	5 00	8	44	
Laborers .....	Male	Day	4 00	8	44	
Lineman .....	Male	Day	4 00	8	48	67
Wiremen .....	Male	Day	5 00	8	44	68
Cable splicers .....	Male	Day	4 75	8	48	
Linemen .....	Male	Day	4 00	8	48	
Wiremen .....	Male	Day	4 00	8	48	
Cable splicers .....	Male	Day	4 75	8	48	69
Linemen .....	Male	Day	4 00	8	48	70
Wiremen .....	Male	Day	4 00	8	48	
Cable splicers .....	Male	Day	4 00-4 75	8	48	
Linemen .....	Male	Day	3 75-4 00	8	48-54	
Wiremen .....	Male	Day	4 00	8	48	71
Cable splicers .....	Male	Day	4 75	8	48	
Linemen .....	Male	Day	4 00	8	48	
Wiremen .....	Male	Day	4 00	8	48	
Inside wiremen .....	Male	Day	5 00	8	44	72
Groundmen .....	Male	Day	2 50-3 00	8	48	73
Linemen .....	Male	Day	4 00	8	48	74
Electrical workers .....	Male	Day	5 00	8	44	
Linemen, electric light .....	Male	Day	3 50-4 00	9	54	75
Linemen, telephone .....	Male	Day	4 00	8	48	76
Cable splicers—						
(a) Electric light:						
Journeyman .....	Male	Day	5 50	8	44	
Helpers .....	Male	Day	3 25	8	44	77
(b) Telephone .....						
Journeyman .....	Male	Day	4 75	8	48	
Helpers .....	Male	Day	3 00	8	48	
Electrical workers .....	Male	Day	5 00	8	44	77
Inside wiremen .....	Male	Day	5 00	8	44	78
Linemen .....	Male	Day	4 00	8	48	79

\*On May 1, 1914, wages increased from \$4.00 per day; hours reduced from 48 per week.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Electrical Workers—Continued.</i>		
80	Santa Rosa -----	International Brotherhood of Electrical Workers of America, No. 594.
81	Stockton -----	International Brotherhood of Electrical Workers of America, No. 207.
	Stockton -----	International Brotherhood of Electrical Workers of America, No. 591.
82	Vallejo -----	International Brotherhood of Electrical Workers of America, No. 180.
<i>Elevator Constructors—</i>		
83	San Francisco ---	International Union of Elevator Constructors, No. 8..
<i>House Movers—</i>		
84	Sacramento -----	House Raisers and Movers, No. 12314.....
<i>Housesmiths and Bridgemen—</i>		
85	Los Angeles -----	International Association of Bridge and Structural Iron Workers, Pile Drivers and Ornamental Iron Workers, No. 51.
86	Sacramento -----	International Association of Bridge and Structural Iron Workers, Pile Drivers and Ornamental Iron Workers, No. 118.
87	San Francisco ---	International Association of Bridge and Structural Iron Workers, Pile Drivers and Ornamental Iron Workers, No. 77.
88	San Jose -----	International Association of Bridge and Structural Iron Workers, Pile Drivers and Ornamental Iron Workers, No. 109.
<i>Lathers—</i>		
89	Oakland -----	Wood, Wire and Metal Lathers International Union, No. 88.
90	Sacramento -----	Wood, Wire and Metal Lathers International Union, No. 109.
91	San Francisco ---	Wood, Wire and Metal Lathers International Union, No. 65.
92	San Jose -----	Wood, Wire and Metal Lathers International Union, No. 144.
93	San Rafael -----	Wood, Wire and Metal Lathers International Union, No. 268.
<i>Painters and Decorators—</i>		
94	Eureka -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 1034.
95	Fresno -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 294.
96	Los Gatos -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 271.
97	Marysville -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 146.
98	Merced -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 932.
99	Monterey -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 272.
100	Oakland -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 127.
101	Palo Alto -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 388.
102	Pasadena -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 92.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Linemen, electric light.....	Male	Hour	56½	8	44	80
Linemen, telephone.....	Male	Hour	50	8	48	
Inside wiremen.....	Male	Hour	56½	8	44	
Linemen, electric light.....	Male	Day	4 50	8	48	81
Linemen, telephone.....	Male	Day	4 00	8	48	
Operators.....	Male	Month	100 00	8	48	
Inside wiremen.....	Male	Day	5 00	8	44	
Electrical workers.....	Male	Day	4 50	8	48	82
Elevator constructors.....	Male	Hour	62½	8	48	83
Elevator constructors, helpers	Male	Hour	37½	8	48	
House raisers and movers.....	Male	Day	4 50	8	44	84
Iron workers and pile drivers..	Male	Hour	50	8	48	85
Structural iron workers.....	Male	Hour	62½	8	44	86
Iron workers and pile drivers..	Male	Day	5 00	8	48	87
Iron workers and pile drivers..	Male	Hour	62½	8	44	88
House movers.....	Male	Hour	50	8	44	
Metal lathers.....	Male	Day	6 00	8	44	89
Wood lathers.....	Male	Day	3 00	8	44	
Metal lathers.....	Male	Day	6 50	8	44	90
Wood lathers.....	Male	Day	3 75	8	44	
Lathers.....	Male	Day	6 00	8	44	91
Metal lathers.....	Male	Day	6 00	8	44	92
Wood lathers.....	Male	Day	3 50	8	44	
Metal lathers.....	Male	Day	6 00	8	44	93
Wood lathers.....	Male	Day	4 00	8	44	
Painters.....	Male	Day	4 00	8	48	94
Paperhangers.....	Male	Day	4 00	8	48	
Painters.....	Male	Day	4 50	8	44	95
Painters.....	Male	Day	4 50	8	44	96
Paperhangers.....	Male	Day	4 50	8	44	
Painters.....	Male	Day	4 50	8	44	97
Paperhangers.....	Male	Day	4 50	8	44	
Painters.....	Male	Day	4 00	8	48	98
Paperhangers.....	Male	Day	4 00	8	48	
Painters.....	Male	Day	4 50	8	48	99
Paperhangers.....	Male	Day	4 50	8	48	
Painters.....	Male	Day	5 00	8	44	100
Painters.....	Male	Day	4 50	8	44	101
Paperhangers.....	Male	Day	4 50	8	44	
Painters.....	Male	Day	3 85	8	44	102
Paperhangers.....	Male	Day	4 00	8	44	

\*Increased, May, 1914, from \$4.50 per day.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Painters and Decorators—Continued.</i>		
103	Petaluma -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 293.
104	Richmond -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 360.
105	Riverside -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 780.
106	Sacramento -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 487.
107	San Diego -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 333.
108	San Francisco ---	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 510.
109	San Francisco ---	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 134.
110	San Jose -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 307.
111	San Mateo -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 913.
112	Santa Rosa -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 364.
113	Stockton -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 274.
114	Vallejo -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 376.
115	Visalia -----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 899.
116	Watsonville ----	Brotherhood of Painters, Decorators, and Paper-hangers of America, No. 750.
<i>Pavers and Rammermen—</i>		
117	San Francisco ---	International Union of Pavers and Rammermen, No. 26
<i>Plasterers—</i>		
118	Oakland -----	Operative Plasterers and Cement Finishers International Association, No. 112.
119	San Rafael -----	Operative Plasterers and Cement Finishers International Association, No. 355.
120	Stockton -----	Operative Plasterers and Cement Finishers International Association, No. 222.
<i>Plumbers, Gas and Steam Fitters—</i>		
121	Bakersfield -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 460.
122	Crockett -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 650.
123	Eureka -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 471.
124	Fresno -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 246.
125	Long Beach -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 494.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Painters .....	Male	Day	3 50	8	44	103
Painters .....	Male	Day	4 50	8	44	104
Painters .....	Male	Day	3 50	8	48	105
Paperhangers .....	Male	Day	3 50	8	48	
Painters .....	Male	Day	5 00	8	44	106
Paperhangers .....	Male	Day	5 00	8	44	
Decorators .....	Male	Day	7 00	8	44	
Painters .....	Male	Day	4 00	8	44	107
Pictorial painters .....	Male	Day	6 50	8	44	108
Sign painters .....	Male	Day	5 50	8	44	
Helpers .....	Male	Day	4 00	8	44	
Polishers and varnishers—						109
(a) Inside .....	Male	Day	4 00	8	44-48	
(b) Outside .....	Male	Day	5 00	8	44-48	
Painters .....	Male	Day	5 00	8	44	110
Painters .....	Male	Day	5 00	8	44	111
Paperhangers .....	Male	Day	5 00	8	44	
Sign writers .....	Male	Day	6 00	8	44	
Varnishers and polishers .....	Male	Day	5 00	8	44	
Painters .....	Male	Day	4 00	8	48	112
Painters .....	Male	Day	4 50	8	44	113
Paperhangers .....	Male	Day	4 50	8	44	
Painters .....	Male	Day	4 50	8	44	114
Painters .....	Male	Day	4 00	8	48	115
Painters .....	Male	Day	4 50	8	48	116
Rammermen .....	Male	Day	5 00	8	48	117
Plasterers .....	Male	Day	7 00	8	44	118
Plasterers .....	Male	Day	7 00	8	44	119
Plasterers .....	Male	Day	7 00	8	44	120
Plumbers and fitters .....	Male	Day	6 00	8	44	121
Plumbers and fitters .....	Male	Day	4 00-4 80	8-10	48-60	122
Helpers .....	Male	Day	2 50-3 00	8-10	48-60	
Plumbers and fitters .....	Male	Day	4 00	8	48	123
Plumbers and fitters .....	Male	Day	5 50	8	44	124
Plumbers and fitters .....	Male	Day	5 00	8	44	125

\*January 1, 1915, wages increased from \$4.50.

\*\*January 1, 1916, wages increased from \$4.00.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>1. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Plumbers, Gas and Steam Fitters—Continued.</i>		
126	Los Angeles -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 78.
127	Modesto -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 25.
128	Monterey -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 62.
129	Pasadena -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 280.
130	Petaluma -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 478.
131	Redlands, and San Bernardino	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 364.
132	Richmond -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 310.
133	Richmond -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 436.
134	Sacramento -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 447.
135	San Jose -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 393.
136	San Mateo -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 467.
137	Santa Barbara --	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 114.
138	Santa Cruz -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 365.
139	Stockton -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 492.
140	Vallejo -----	United Association of Journeymen Plumbers, Gas Fitters, Steam Fitters and Steam Fitters' Helpers of the United States and Canada, No. 343.
<i>Roofers, Composition—</i>		
141	Los Angeles -----	International Brotherhood of Composition Roofers, Damp and Waterproof Workers of the United States and Canada, No. 21.
<i>Sheet Metal Workers—</i>		
142	Bakersfield -----	Amalgamated Sheet Metal Workers' International Alliance, No. 369.
143	Pasadena -----	Amalgamated Sheet Metal Workers' International Alliance, No. 293.
144	San Francisco ---	Amalgamated Sheet Metal Workers' International Alliance, No. 104.
145	San Mateo -----	Amalgamated Sheet Metal Workers' International Alliance, No. 272.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Plumbers and fitters.....	Male	Day	4 50	8	48	126
Plumbers and fitters.....	Male	Day	4 50	8	48	127
Plumbers and fitters.....	Male	Day	5 00	8	44	128
Plumbers and fitters.....	Male	Day	5 00	8	44	129
Plumbers and fitters.....	Male	Day	3 50	8	48	130
Plumbers and fitters.....	Male	Day	4 50	8	48	131
Plumbers .....	Male	Day	5 50	8	44	132
Steam fitters .....	Male	Day	4 00	8	48	133
Helpers .....	Male	Day	3 00	8	48	
Plumbers and fitters.....	Male	Day	6 00	8	44	134
Helpers .....	Male	Day	3 00	8	44	
Plumbers and fitters.....	Male	Day	6 00	8	44	135
Plumbers and fitters.....	Male	Day	6 00	8	44	136
Helpers .....	Male	Day	2 00-3 00	8	44	
Plumbers and fitters.....	Male	Day	4 50	8	<sup>11</sup> 44	137
Plumbers and fitters.....	Male	Day	5 00	8	44	138
Plumbers and fitters.....	Male	Day	<sup>12</sup>			139
Plumbers and fitters.....	Male	Day	<sup>12</sup> 5 50	8	<sup>12</sup> 44	140
Roofers .....	Male	Day	3 00	8	48	141
Sheet metal workers.....	Male	Day	5 50	8	44	142
Sheet metal workers.....	Male	Day	4 50	8	44	143
Sheet metal workers.....	Male	Day	5 50	8	44	144
Sheet metal workers.....	Male	Day	5 50	8	44	145

<sup>11</sup>February, 1914, hours reduced from 48 per week.<sup>12</sup>Information not given.<sup>13</sup>September, 1915, wages increased from \$5.00 per day, and hours reduced from 48 per week.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>I. Building, Stone Working, etc.—Continued.</b>		
<b>(b) BUILDING AND PAVING TRADES—Continued.</b>		
<i>Sheet Metal Workers—Continued.</i>		
146	Santa Cruz -----	Amalgamated Sheet Metal Workers' International Alliance, No. 304.
<i>Steam and Hot Water Fitters—</i>		
147	San Francisco ---	Gas Appliance and Stove Fitters, No. 12432.-----
<i>Tilelayers—</i>		
148	Los Angeles -----	International Ceramic, Mosaic and Encaustic Tile Layers and Helpers' Union, No. 24.
149	San Francisco ---	International Ceramic, Mosaic and Encaustic Tile Layers and Helpers' Union, No. 48.
<b>(c) BUILDING AND STREET LABOR.</b>		
<i>Bricklayers, Masons and Plasterers' Laborers—</i>		
150	Marysville -----	International Hod Carriers and Building Laborers' Union of America, No. 121.
152	Redwood City ---	International Hod Carriers and Building Laborers' Union of America, No. 97.
153	Richmond -----	International Hod Carriers and Building Laborers' Union of America, No. 274.
154	San Diego -----	International Hod Carriers and Building Laborers' Union of America, No. 89.
155	San Mateo -----	International Hod Carriers and Building Laborers' Union of America, No. 160.
156	Stockton -----	International Hod Carriers and Building Laborers' Union of America, No. 73.
<i>General Building and Street Laborers—</i>		
157	Richmond -----	United Laborers' Union, No. 13085.-----
158	San Francisco ---	United Laborers' Union, No. 1.-----
159	San Jose -----	United Laborers' Union, No. 14190.-----
160	San Rafael -----	United Laborers' Union, No. 11440.-----
161	Vallejo -----	United Laborers' Union, No. 11345.-----
<b>II. Transportation.</b>		
<b>(a) RAILWAYS.</b>		
<i>Street Railway Employees—</i>		
162	Oakland -----	Amalgamated Association of Street and Electric Railway Employees of America, No. 192.
163	Sacramento -----	Amalgamated Association of Street and Electric Railway Employees of America, No. 256.
164	San Francisco ---	Amalgamated Association of Street and Electric Railway Employees of America, No. 518.
165	San Jose -----	Amalgamated Association of Street and Electric Railway Employees of America, No. 265.
166	Stockton -----	Amalgamated Association of Street and Electric Railway Employees of America, No. 276.
<i>Trainmen, Road and Yard—</i>		
167	Los Angeles -----	Switchmen's Union of North America, No. 43.-----
168	San Francisco ---	Brotherhood of Railroad Trainmen, No. 198.-----

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Sheet metal workers.....	Male	Day	5 00	8	44	146
Fitters .....	Male	Day	4 00	8	48	147
Tilelayers .....	Male	Day	<sup>14</sup> 4 50	8	48	
Tilelayers, helpers .....	Male	Day	<sup>15</sup> 2 50	8	48	148
Tilelayers .....	Male	Day	6 00	8	44	149
Hod carriers .....	Male	Day	4 00-4 50	8	48	150
Laborers .....	Male	Day	3 00	8	48	
Hod carriers .....			<sup>16</sup>			152
Hod carriers .....	Male	Day	4 00	8	48	153
Hod carriers .....	Male	Day	<sup>17</sup> 3 50	8	44	154
Cement mixers .....	Male	Day	4 00	8	44	155
Hod carriers .....	Male	Day	4 00	8	44	156
Laborers .....	Male	Day	2 50	8	48	157
Building laborers .....	Male	Day	3 00	8	48	158
Excavators .....	Male	Day	3 00	9	54	
Lath hoisters .....	Male	Day	3 50	8	48	
Street, sewer and park laborers	Male	Day	3 00	8	48	
Laborers .....	Male	Day	2 50	8	48	
Laborers .....	Male	Day	2 50	8	48	159
Building laborers .....	Male	Day	3 00	8	44	160
Cement laborers .....	Male	Day	4 00	8	44	
Laborers .....	Male	Day	3 00	8	48	
Laborers .....	Male	Day	Av. 3 50	8	48	161
Motormen and conductors.....	Male	Hour	30-42	10	60	162
Motormen and conductors.....	Male	Hour	29-32	9-10	66 <sup>1</sup>	163
Motormen and conductors.....	Male	Day	3 00	8		164
Motormen and conductors.....	Male	Hour	25-30			165
Motormen and conductors.....	Male	Hour	25-30	8-9 <sup>1</sup>	56-65	166
Interurban .....	Male	Hour	32	11	77	
Switchmen .....	Male	Hour	37	10	78	167
Switchmen .....	Male	Hour	37	10-11	70-77	168
Yard foremen .....	Male	Hour	40	10-11	70-77	
Yardmasters .....	Male	Month	140 00-145 00	11-13	77-91	

<sup>14</sup>September, 1915, wages reduced from \$5.00 per day.<sup>15</sup>September, 1915, wages reduced from \$2.75 per day.<sup>16</sup>No information.<sup>17</sup>July, 1914, wages reduced from \$4.50 per day.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>II. Transportation—Continued.</b>		
<b>(b) NAVIGATION.</b>		
		<i>Cooks and Stewards, Marine—</i>
169	San Francisco ---	International Seamen's Union of America.....
		<i>Engineers, Marine—</i>
170	San Francisco ---	National Marine Engineers' Beneficial Association, No. 35.
		<i>Firemen, Oilers, and Watertenders, Marine—</i>
171	San Francisco ---	International Seamen's Union of America.....
		<i>Seamen—</i>
172	San Francisco ---	International Seamen's Union of America.....
173	San Francisco ---	Bay and River Steamboatmen's Union.....
<b>(c) TEAMING AND CAB DRIVING.</b>		
		<i>Building Material Drivers—</i>
174	Oakland -----	International Brotherhood of Teamsters, Chauffeurs, Stablemen, and Helpers, No. 577.
175	San Francisco ---	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 216.
176	San Mateo -----	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 160.
		<i>Cabmen and Coach Drivers—</i>
177	San Francisco ---	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 404.
178	San Francisco ---	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 265.
		<i>Delivery Wagon Drivers—</i>
179	San Francisco ---	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 278.
		<i>Ice Handlers—</i>
180	Oakland -----	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 610.
181	Sacramento -----	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 230.
182	Sacramento -----	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 230.
183	San Francisco ---	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 519.
		<i>Laundry Wagon Drivers—</i>
184	San Francisco ---	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 256.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Cooks .....	Male	Month	<sup>18</sup> 80 00	9-10	-----	169
Waiters .....	Male	Month	<sup>19</sup> 35 00	9-10	-----	
Engineers, chief .....	Male	Month	130 00-200 00	9	54	170
Engineers, assistant .....	Male	Month	70 00-140 00	9	54	
Firemen, oilers, watertenders..	Male	Month	55 00-65 00	9-12	-----	171
Seamen, coastwise steam.....	Male	Month	<sup>20</sup> 55 00	9	54	172
Seamen, coastwise sail.....	Male	Month	<sup>21</sup> 50 00	9	54	
Seamen, offshore steam.....	Male	Month	<sup>22</sup> 55 00	9	54	
Seamen, offshore sail.....	Male	Month	<sup>23</sup> 40 00	9	54	
Deckhands .....	Male	Month	50 00	11-12	66-72	173
Firemen .....	Male	Month	55 00	12	72	
Lumber teamsters .....	Male	Day	3 25-5 00	9	54	174
Brick, rock, etc. teamsters.....	Male	Day	3 00-5 00	9	54	
Team owners .....	Male	Day	6 00-10 00	9	54	
Automobile drivers .....	Male	Day	4 00-4 50	9	54	
Helpers on machines.....	Male	Day	3 00-3 50	9	54	
Teamsters .....	Male	Day	3 00	10	60	175
No information .....						176
Stablemen and hostlers.....	Male	Week	21 00	10	70	177
Chauffeurs .....	Male	Day	3 50	12	84	178
Washers .....	Male	Day	<sup>24</sup> 3 50	9	63	
Brass polishers .....	Male	Day	<sup>25</sup> 2 50	9	63	
Drivers, single .....	Male	Day	2 50	-----	-----	179
Drivers, double .....	Male	Day	3 00	-----	-----	
Drivers, automobile .....	Male	Day	3 50	-----	-----	
Drivers .....	Male	Month	90 00	12-14	70-75	180
Helpers .....	Male	Month	75 00	12-14	70-75	
Ice pullers .....	Male	Day	3 00	8	56	181
Retail drivers .....	Male	Day	3 00	10	60	
Wholesale drivers .....	Male	Day	3 75	10	60	
Auto truck drivers.....	Male	Day	4 00	10	60	182
Helpers .....	Male	Day	2 75	10	60	
Ice handlers .....	Male	Month	95 00	<sup>26</sup> 10	60	183
Ice handlers, helpers.....	Male	Day	3 00	<sup>26</sup> 10	60	
No information .....						184

<sup>18</sup>No information.<sup>19</sup>July, 1914, wages reduced from \$4.50 per day.<sup>20</sup>May, 1916, wages increased from \$75.<sup>21</sup>May, 1916, wages increased from \$30.<sup>22</sup>May, 1916, wages increased from \$50.<sup>23</sup>May, 1916, wages increased from \$45.<sup>24</sup>May, 1916, wages increased from \$40-\$45.<sup>25</sup>May, 1916, wages increased from \$30.<sup>26</sup>1914, wages increased from \$3.00.<sup>27</sup>1911, wages increased from \$2.00.<sup>28</sup>March, 1916, hours reduced from eleven.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>II. Transportation—Continued.</b>		
<b>(c) TEAMING AND CAB DRIVING.</b>		
<i>Milk Wagon Drivers—</i>		
185	Oakland .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 302.
186	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 226.
<i>Team Drivers—</i>		
187	Fresno .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 431.
188	Los Angeles .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 208.
189	Los Gatos .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 374.
190	Oakland .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 70.
191	Petaluma .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 348.
192	Redwood City ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 469.
193	Richmond .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 420.
194	Sacramento .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 557.
195	San Francisco ...	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 85.
196	San Rafael .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 694.
197	Santa Rosa .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 417.
198	Stockton .....	International Brotherhood of Teamsters, Chauffeurs, Stablemen and Helpers, No. 22.
<b>(d) FREIGHT HANDLING.</b>		
<i>Longshoremen—</i>		
199	Eureka .....	International Longshoremen's Association, No. 38-20...
200	Redondo .....	International Longshoremen's Association, No. 38-40...
201	San Diego .....	International Longshoremen's Association, No. 38-9...
202	San Francisco ...	International Longshoremen's Association, No. 38-33...
203	San Pedro .....	International Longshoremen's Association, No. 38-43...
204	San Pedro .....	International Longshoremen's Association, No. 38-18...
<i>Transfer Messengers—</i>		
205	San Francisco ...	Baggage Messengers and Transferers' Union, No. 10167...
<b>III. Clothing and Textiles.</b>		
<b>(a) GARMENTS.</b>		
<i>Shirt and Overall Workers—</i>		
206	Los Angeles .....	United Garment Workers of America, No. 125.....
207	Napa .....	United Garment Workers of America, No. 137.....
208	Oakland .....	United Garment Workers of America, No. 131.....
209	San Francisco ...	United Garment Workers of America, No. 45.....

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Drivers .....	Male	Month	90 00	9	63	185
Drivers .....	Male	Month	90 00	9	63	186
Teamsters .....	Male	Day	3 00	9	54	187
Teamsters, one horse.....	Male	Day	2 25	12	72	188
Teamsters, two horse.....	Male	Day	2 25-2 50	12	72	
Truck drivers .....	Male	Day	2 75-3 50	12	72	
Helpers .....	Male	Hour	30	12	72	
Teamsters, two horse.....	Male	Day	3 00	9	-----	189
Teamsters, four horse.....	Male	Day	3 50	9	-----	
No information .....						190
Teamsters .....	Male	Day	2 50	10	60	191
Teamsters, one horse.....	Male	Day	2 50	9	-----	192
Teamsters, two horse.....	Male	Day	3 00	9	-----	
Teamsters, four horse.....	Male	Day	3 50	9	-----	
No information .....						193
Teamsters, one horse.....	Male	Week	15 00-18 00	10	60	194
Teamsters, two horse.....	Male	Week	18 00-20 00	10	60	
Teamsters, one horse.....	Male	Day	2 00-3 00	10	60	195
Teamsters, two horse.....	Male	Day	2 50-3 50	10	60	
Teamsters, four horse.....	Male	Day	3 50-4 00	10	60	
Teamsters, six horse.....	Male	Day	4 50	10	60	
Teamsters .....	Male	Day	-----	9	54	196
Teamsters .....	Male	Week	15 00	8-10	48 60	197
Teamsters .....	Male	Day	3 00-3 50	10	60	198
Longshoremen .....	Male	Hour	50	9	63	199
Longshoremen .....	Male	Hour	50	9	63	200
Longshoremen .....	Male	Hour	50	9	63	201
Longshoremen .....	Male	Hour	50	9	63	202
Longshoremen .....	Male	Hour	40	9	63	203
Longshoremen .....	Male	Hour	50	9	63	204
Baggage messengers .....	Male	Week	20 00	11	-----	205
Cutters .....	Male	Day	-----	8	48	206
Operators .....	Female	Day	-----	8	48	
Cutters .....	Male	Week	22 60	8	48	207
Garment workers .....	Female	Week	8 00	8	45	
Garment workers .....	Female	Week	9 00	8	-----	208
Cutters .....	Male	Day	3 75	8	48	

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>III. Clothing and Textiles—Continued.</b>		
(a) GARMENTS—Continued.		
<i>Tailors—</i>		
210	San Francisco	Journeyman Tailors' Union of America, No. 2.....
211	San Jose	Journeyman Tailors' Union of America, No. 108.....
(b) LAUNDRY WORKERS.		
<i>Laundry Workers—</i>		
212	Bakersfield	Laundry Workers' International Union, No. 175.....
213	Petaluma	Laundry Workers' International Union, No. 53.....
214	Sacramento	Laundry Workers' International Union, No. 75.....
215	San Jose	Laundry Workers' International Union, No. 33.....
216	Santa Rosa	Laundry Workers' International Union, No. 43.....
217	Vallejo	Laundry Workers' International Union, No. 113.....
(c) HATS AND CAPS.		
<i>Hat and Cap Workers—</i>		
218	San Francisco	United Hatters of North America, No. 23.....
(d) BOOTS, SHOES AND GLOVES.		
<i>Boot and Shoe Workers—</i>		
219	Oakland	Boot and Shoe Workers' Union, No. 324.....
220	Petaluma	Boot and Shoe Workers' Union, No. 335.....
<i>Glove Workers—</i>		
221	Napa	International Glove Workers' Union, No. 40.....
222	San Francisco	International Glove Workers' Union, No. 39.....
<b>IV. Metals, Machinery and Shipbuilding.</b>		
(a) IRON AND STEEL.		
<i>Architectural Iron Workers—</i>		
223	San Francisco	International Association of Bridge and Structural Iron Workers, No. 78.
<i>Blacksmiths—</i>		
224	Los Angeles	International Brotherhood of Blacksmiths and Helpers, No. 212.
225	Richmond	International Brotherhood of Blacksmiths and Helpers, No. 476.
226	Sacramento	International Brotherhood of Blacksmiths and Helpers, No. 174.
227	San Francisco	International Brotherhood of Blacksmiths and Helpers, No. 168.
228	Vallejo	International Brotherhood of Blacksmiths and Helpers, No. 82.
<i>Boilermakers—</i>		
229	Richmond	International Brotherhood of Boilermakers and Iron Ship Builders and Helpers of America, No. 317.
230	Sacramento	International Brotherhood of Boilermakers and Iron Ship Builders and Helpers of America, No. 94.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Tailors -----	Male	Piece	12 00-25 00 Av. per wk.	8	48	210
Tailors -----	Male	Piece	15 00-21 00 Av. per wk.	9	56	211
Laundry workers -----	Male	Week	9 00-25 00	8	53	212
Laundry workers -----	Female	Week	8 00-10 00	8	47	
Laundry workers -----	Male	Week	15 00-25 00	9	54	213
Laundry workers -----	Female	Week	6 00-12 00	8	48	
Mangle hands -----	Female	Week	9 00	8	48	214
Washers and wringers -----	Male	Week	15 00	8	48	
Markers and distributors -----	M. & F.	Week	15 00 up	8	46-48	
Laundry workers -----				8	48	215
Washers -----	M. & F.	Week	15 00-18 00	8	48	216
Laundry workers -----	Female	Week	9 00-11 50	8	48	
Washers -----	Male	Week	18 00-20 00	8	48	217
Markers and distributors -----	Male	Week	18 00-20 00	8	48	
Laundry workers -----	M. & F.	Week	8 00-15 00	8	48	
Curlers and finishers -----	Male	Piece	22 00 Av. per wk.	7/8	44	218
Shoe repairers -----	Male	Day	2 50-3 00	9	54	219
Shoe repairers -----	Male	Day		5-8		220
Cutters -----	Male	Day	3 00	9	51	221
Sewers -----	Female	Week	10 00-12 00	8	46	
Cutters -----	Male	Piece	Av. wk. 15 00	9	49 1/2	222
Operators -----	Female	Piece	Av. wk. 12 00	8	44	
Outside mechanics -----	Male	Day	5 00	8	44	223
Shop mechanics -----	Male	Day	4 00	9	54	
Helpers -----	Male	Day	3 00	9	54	
Apprentices -----	Male	Day	1 00	9	54	
Blacksmiths -----	Male	Hour	50	8	48	224
Blacksmiths -----	Male	Day	4 00	8	48	225
Blacksmiths, helpers -----	Male	Day	3 30	8	48	
Blacksmiths -----	Male	Hour	43	9	54	226
Blacksmiths, helpers -----	Male	Hour	30	9	54	
Blacksmiths -----	Male	Hour	50	8	48	227
Blacksmiths, helpers -----	Male	Hour	37 1/2	8	48	
Blacksmiths -----	Male	Day	3 00-4 25	8	48	228
Blacksmiths, helpers -----	Male	Day	2 65-3 00	8	48	
Boiler and tank workers -----	Male	Week	57 70	8	48	229
Helpers -----	Male	Week	44 00	8	48	
Boilermakers -----	Male	Hour	43	9	54	230

\*Hours reduced to eight per day.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>IV. Metals, Machinery and Shipbuilding—Continued.</b>		
<b>(a) IRON AND STEEL—Continued.</b>		
<i>Foundry Workers—</i>		
231	San Francisco ---	International Brotherhood of Foundry Employees, No. 8.
<i>Horseshoers—</i>		
232	Oakland -----	International Union of Journeymen Horseshoers of the United States and Canada, No. 45.
233	Sacramento -----	International Union of Journeymen Horseshoers of the United States and Canada, No. 47.
234	San Jose -----	International Union of Journeymen Horseshoers of the United States and Canada, No. 58.
<i>Machinists—</i>		
235	Fresno -----	International Association of Machinists, No. 653.
236	Los Angeles -----	International Association of Machinists, No. 311.
237	Oakland -----	International Association of Machinists, No. 284.
238	Petaluma -----	International Association of Machinists, No. 575.
239	Richmond -----	International Association of Machinists, No. 824.
240	San Francisco -----	International Association of Machinists, No. 68.
241	San Francisco -----	International Association of Machinists, No. 715.
242	San Jose -----	International Association of Machinists, No. 504.
243	Tiburon -----	International Association of Machinists, No. 238.
244	Vallejo -----	International Association of Machinists, No. 252.
<i>Molders and Coremakers—</i>		
245	Los Angeles -----	International Molders' Union of North America, No. 374.
246	San Francisco ---	International Molders' Union of North America, No. 164.
<i>Patternmakers—</i>		
247	Los Angeles -----	Patternmakers' League of North America.
248	San Francisco ---	Patternmakers' League of North America.
<i>Sheet Metal Workers—</i>		
249	S. San Francisco	Amalgamated Association of Iron, Steel and Tin Workers of North America, No. 5.
<b>(b) METALS, OTHER THAN IRON AND STEEL.</b>		
<i>Metal Polishers, Buffers, and Platers—</i>		
250	Los Angeles -----	Metal Polishers, Buffers, Platers, Brass Molders, and Brass and Silver Workers' Union of America, No. 67.
251	San Francisco ---	Metal Polishers, Buffers, Platers, Brass Molders, and Brass and Silver Workers' Union of America, No. 128.
<b>(c) SHIPBUILDING.</b>		
<i>Shipwrights, Joiners and Caulkers—</i>		
252	Oakland -----	United Brotherhood of Carpenters and Joiners of America, No. 875.
253	San Francisco ---	United Brotherhood of Carpenters and Joiners of America, No. 759.
254	San Francisco ---	California Shipwrights and Caulkers.
255	San Francisco ---	United Brotherhood of Carpenters and Joiners of America, No. 449.
256	San Francisco ---	United Brotherhood of Carpenters and Joiners of America, No. 554.
257	Stockton -----	United Brotherhood of Carpenters and Joiners of America, No. 732.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Casting cleaners .....	Male	Day	3 00	8	48	231
Horseshoers .....	Male	Day	4 00	9	53	232
Horseshoers .....	Male	Week	27 00	8	53	233
Horseshoers .....	Male	Week	21 00	8	48	234
Machinists .....	Male	Hour	40-50	9	54	235
Machinists .....	Male	Hour	35-55	8-9	48-54	236
Machinists .....	Male	Hour	43-50	8	48	237
Machinists .....	Male	Hour	50	8	48	238
Machinists .....	Male	Hour	50	8	48	239
Machinists .....	Male	Hour	50	8	48	240
Machinists .....	Male	Day	3 00-4 00	8	48	241
Machinists .....	Male	Day	4 00	8	48	242
Machinists .....	Male	Hour	43	9	54	243
Machinists .....	Male	Day	3 00-4 25	8	48	244
Molders and coremakers .....	Male	Hour	37½	9	54	245
Molders and coremakers .....	Male	Day	4 00	8	48	246
Patternmakers .....	Male	Hour	45-53	8-9	48-54	247
Patternmakers .....	Male	Day	5 00	8	48	248
Steel workers .....	Male	Ton.	30 00-60 00 Av. per wk.	10	57	249
Polishers .....	Male	Day	3 50-4 00	8	48	250
Buffers .....	Male	Day	3 50-4 00	8	48	
Platers .....	Male	Day	3 50-4 00	8	48	
Platers .....	Male	Day	3 50	9	54	251
Shipwrights .....	Male	Day	4 00-5 00	8	48	252
Shipwrights .....	Male	Day	5 00	8	48	253
Shipwrights .....	Male	Day	4 50-5 00	8	48	254
Caulkers .....	Male	Day	5 00	8	48	255
Ship joiners .....	Male	Day	5 00	8	48	
Caulkers .....	Male	Day	5 00	8	48	256
Shipwrights .....	Male	Day	4 00	8	48	257
Joiners .....	Male	Day	4 00	8	48	

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>V. Printing, Binding, etc.</b>		
<i>Bookbinders—</i>		
258	Los Angeles .....	International Brotherhood of Bookbinders, No. 63.....
259	Sacramento .....	International Brotherhood of Bookbinders, No. 35.....
260	San Francisco ...	International Brotherhood of Bookbinders, No. 31.....
261	San Francisco ...	International Brotherhood of Bookbinders, No. 125.....
<i>Compositors—</i>		
262	Bakersfield .....	International Typographical Union, No. 439.....
263	El Centro .....	International Typographical Union, No. 707.....
264	Eureka .....	International Typographical Union, No. 207.....
265	Fresno .....	International Typographical Union, No. 144.....
266	Los Angeles .....	International Typographical Union, No. 174.....
267	Richmond and Martinez .....	International Typographical Union, No. 597.....
268	Modesto and Turlock .....	
269	Oakland .....	International Typographical Union, No. 36.....
270	Palo Alto .....	International Typographical Union, No. 521.....
271	Pasadena .....	International Typographical Union, No. 583.....
272	Petaluma .....	International Typographical Union, No. 600.....
273	Riverside .....	International Typographical Union, No. 254.....
274	Sacramento .....	International Typographical Union, No. 46.....
275	San Diego .....	International Typographical Union, No. 221.....

AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Bookbinders .....	Male	Week	19 50	8	48	258
Bookbinders .....	Female	Week	9 00	8	48	
Bookbinders .....	Male	Week	24 00-27 00	8	48	259
Bookbinders .....	Male	Day	4 00	8	48	260
Journeywomen .....	Female	Week	10 00	8	48	261
Day work—						262
(a) Foremen .....	Male	Week	\$31 50	8	48	
(b) Journeymen, newspapers	Male	Week	\$28 50	8	48	
(c) Journeymen, job .....	Male	Week	\$25 50	8	48	
Night work—						
(a) Foremen .....	Male	Week	\$33 00	8	48	
(b) Journeymen, newspapers	Male	Week	\$30 00	8	48	
(c) Journeymen, job .....	Male	Week	\$30 00	8	48	
Day work—						263
(a) Floor work .....	Male	Day	3 75	8	48	
(b) Machine work .....	Male	Day	4 50	8	48	
Night work—						
(a) Floor work .....	Male	Day	4 25	7½	45	
(b) Machine work .....	Male	Day	5 00	7½	45	
Day—compositors .....	Male	Week	18 00	8	48	264
Night—compositors .....	Male	Week	21 00	8	48	
Day—journeymen .....	M. & F.	Day	4 50	7½	45	265
Night—journeymen .....	M. & F.	Day	5 00	7½	45	
Journeymen, newspapers—						266
(a) Day work .....	Male	Week	29 00	8	48	
(b) Night work .....	Male	Week	32 00	8	48	
Job work—						
(a) Day work .....	Male	Week	24 00	8	48	
(b) Night work .....	Male	Week	27 00	8	48	
Printers .....	Male	Week	21 00-24 00	8	48	267
Journeymen .....	Male	Day	3 50-4 00	8	48	268
Job men .....	Male	Day	3 50	8	48	
Journeymen, newspapers .....	M. & F.	Day	4 83-5 33	7½	45	269
Journeymen, job .....	M. & F.	Day	4 50	8	48	
Compositors .....	Male	Week	18 00-27 00	8	48	270
Day work—						271
(a) Foremen, newspapers .....	Male	Day	5 16½	8	48	
(b) Foremen, job .....	Male	Week	25 00-26 00	8	48	
(c) Journeymen, newspapers .....	Male	Day	3 66½	8	48	
(d) Journeymen, job .....	Male	Day	3 83½	8	48	
Night work—						
(a) Foremen, newspapers .....	Male	Day	5 66½	8	48	
(b) Foremen, job .....	Male	Week	25 00	8	48	
(c) Journeymen, newspapers .....	Male	Day	4 66½	8	48	
(d) Journeymen, job .....	Male	Day	4 16½	8	48	
Day work—						272
(a) Foremen, newspapers .....	Male	Week	21 00	8	48	
(b) Foremen, job .....	Male	Week	21 00	8	48	
(c) Journeymen .....	Male	Week	18 00	8	48	
Night work—						
(a) Foremen, newspapers .....	Male	Week	21 00	8	48	
(b) Journeymen .....	Male	Week	27 00	8	48	
Compositors .....	M. & F.	Week	24 00-30 00	8	48	273
Journeymen, newspapers .....	Male	Day	4 75-5 25	8	48	274
Job men .....	Male	Day	4 00	8	48	275
Journeymen, newspapers—						
(a) Day .....	Male	Day	4 50	8	48	
(b) Night .....	Male	Day	5 00	8	48	

\*Wages advanced twenty-five cents per day.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>V. Printing, Binding, Etc.—Continued.</b>		
<i>Compositors—Continued.</i>		
276	San Francisco ---	International Typographical Union, No. 21.....
277	San Jose -----	International Typographical Union, No. 231.....
278	San Luis Obispo	International Typographical Union, No. 576.....
279	San Mateo -----	International Typographical Union, No. 624.....
280	San Rafael -----	International Typographical Union, No. 729.....
281	Santa Barbara ---	International Typographical Union, No. 394.....
282	Santa Cruz -----	International Typographical Union, No. 589.....
283	Santa Rosa -----	International Typographical Union, No. 577.....
284	Stockton -----	International Typographical Union, No. 56.....
285	Vallejo -----	International Typographical Union, No. 389.....
<i>Electrotypers and Stereotypers—</i>		
286	Fresno -----	International Stereotypers and Electrotypers' Union of North America, No. 104.
287	Los Angeles -----	International Stereotypers and Electrotypers' Union of North America, No. 58.
288	Sacramento -----	International Stereotypers and Electrotypers' Union of North America, No. 86.
289	San Francisco ---	International Stereotypers and Electrotypers' Union of North America, No. 29.
290	San Jose -----	International Stereotypers and Electrotypers' Union of North America, No. 120.
<i>Lithographers—</i>		
291	Los Angeles -----	Amalgamated Lithographers of America, No. 22.....
<i>Mailers—</i>		
292	San Francisco ---	International Typographical Union, No. 18.....
<i>Photo Engravers—</i>		
293	Los Angeles -----	International Photo Engravers' Union of North America, No. 32.
294	San Francisco ---	International Photo Engravers' Union of North America, No. 8.
<i>Pressmen—</i>		
295	Bakersfield -----	International Printing Pressmen and Assistants' Union of North America, No. 264.
296	Fresno -----	International Printing Pressmen and Assistants' Union of North America, No. 159.
297	Los Angeles -----	International Printing Pressmen and Assistants' Union of North America, No. 18.
298	Los Angeles -----	International Printing Pressmen and Assistants' Union of North America, No. 37.
299	Oakland -----	International Printing Pressmen and Assistants' Union of North America, No. 125.
300	Sacramento -----	International Printing Pressmen and Assistants' Union of North America, No. 60.
301	San Diego -----	International Printing Pressmen and Assistants' Union of North America, No. 140.
302	San Francisco ---	International Printing Pressmen and Assistants' Union of North America, No. 4.

AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Job men .....	M. & F.	Week	25 00	7	42	276
Journeyman, newspapers—						
(a) Day .....	M. & F.	Week	29 00	7	42	
(b) Night .....	M. & F.	Week	32 00	7	42	
Job men .....	Male	Day	3 75	8	48	277
Journeyman, newspapers—						
(a) Day .....	M. & F.	Day	4 25	7½	45	
(b) Night .....	M. & F.	Day	4 75	7½	45	
Journeyman .....	M. & F.	Day	2 50	8	48	278
Journeyman .....	M. & F.	Week	18 00-24 00	8	48	279
Journeyman .....	Male	Day	4 20-5 33	8	48	280
Journeyman .....	Male	Week	21 00	8	48	281
Journeyman—day .....	Male	Week	24 00	8	48	282
Journeyman—night .....	Male	Week	27 00	8	48	
Job men .....	Male	Day	3 00	8	48	283
Journeyman, newspapers—						
(a) Day .....	Male	Day	4 00	8	48	
(b) Night .....	Male	Day	4 50	8	48	
Job men .....	Male	Week	25 50	8	48	284
Job men .....	Male	Week	15 00	8	48	285
Stereotypers .....	Male	Day	4 50	8	48	286
Stereotypers .....	Male	Day	4 50	8	48	287
Stereotypers .....	Male	Day	4 25	8	48	288
Electrotypers .....	Male	Week	36 00	8	48	
Foremen .....	Male	Day	6 33½	8	48	289
Journeyman .....	Male	Day	5 00	8	48	
Apprentices .....	Male	Day	2 50-4 00	8	48	
Foremen .....	Male	Day	5 50	8	48	290
Journeyman .....	Male	Day	4 50	8	48	
Apprentices .....	Male	Day	2 00-3 50	8	48	
Lithographers .....	Male	Week	24 00-28 00	8	48	291
Mailers .....	Male	Day	4 00	8	48	292
Photo engravers—						
(a) Day .....	Male	Week	24 00	8	48	
(b) Night .....	Male	Week	27 00	8	48	
Photo engravers—						294
(a) Day .....	Male	Week	26 00	8	48	
(b) Night .....	Male	Week	29 00	8	48	
Pressmen .....	Male	Day	4 00 5 00	8	48	295
Press feeders .....	Male	Day	2 50 3 00	8	48	
Pressmen .....	Male	Day	4 00-4 75	8	48	296
Pressmen .....	Male	Day	4 33	8	48	297
Apprentices .....	Male	Day	2 50	8	48	
Press feeders .....	Male	Week	14 00-17 00	8	48	298
Pressmen .....	Male	Day	4 50	8	48	299
Press feeders .....	Male	Day	2 25 2 75	8	48	
Pressmen .....	Male	Day	3 50 4 50	8	48	300
Pressmen .....	Male	Hour	37½ 50	8	48	301
Press feeders .....	Male	Hour	25 30	8	48	
Apprentices .....	Male	Hour	31½	8	48	
Pressmen, web .....	Male	Day	5 16	8	48	302
Pressmen, apprentices .....	Male	Day	2 50	8	48	

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>V. Printing, Binding, Etc.—Continued.</b>		
<i>Pressmen—Continued.</i>		
303	San Francisco ---	International Printing Pressmen and Assistants' Union of North America, No. 24.
304	San Jose -----	International Printing Pressmen and Assistants' Union of North America, No. 146.
305	Stockton -----	International Printing Pressmen and Assistants' Union of North America, No. 132.
<b>VI. Woodworking and Furniture.</b>		
<i>Boxmakers and Sawyers—</i>		
306	Oakland -----	United Brotherhood of Carpenters and Joiners of America, No. 1187.
<i>Broommakers—</i>		
307	Los Angeles -----	International Broom and Whisk Makers' Union, No. 28
<i>Carriage and Wagon Workers—</i>		
308	San Francisco ---	Carriage and Automobile Painters, No. 1073-----
<i>Coopers—</i>		
309	Los Angeles -----	Coopers' International Union of North America, No. 132
<i>Mill Workers—</i>		
310	Fresno -----	United Brotherhood of Carpenters and Joiners of America, No. 1496.
311	San Francisco ---	United Brotherhood of Carpenters and Joiners of America, No. 42.
312	San Jose -----	United Brotherhood of Carpenters and Joiners of America, No. 262.
313	San Mateo -----	United Brotherhood of Carpenters and Joiners of America, No. 162.
<i>Upholsterers—</i>		
314	San Francisco ---	Upholsterers and Trimmers' International Union of North America, No. 28.
315	San Jose -----	Upholsterers and Trimmers' International Union of America, No. 2.
<i>Wood Carvers—</i>		
316	San Francisco ---	International Wood Carvers' Association of North America.
<b>VII. Food and Liquors.</b>		
<b>(a) FOOD PRODUCTS.</b>		
<i>Bakers and Confectioners—</i>		
317	Fresno -----	Bakery and Confectionery Workers' International Union of North America, No. 43.
318	Los Angeles -----	Bakery and Confectionery Workers' International Union of North America, No. 37.
319	Sacramento -----	Bakery and Confectionery Workers' International Union of North America, No. 85.
320	San Diego -----	Bakery and Confectionery Workers' International Union of North America, No. 90.
321	San Francisco ---	Bakery and Confectionery Workers' International Union of North America, No. 24.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Pressmen -----	Male	Day	4 00-4 75	8	48	303
Pressmen, apprentices -----	Male	Week	17 00-22 00	8	48	
Pressmen -----	Male	Day	3 50-5 00	8	48	304
Apprentices -----	Male	Day	1 65-3 00	8	48	
Pressmen -----	Male	Day	3 50-5 00	8	48	305
Box makers -----	Male	Day	2 75	9	54	306
Sawyers -----	Male	Day	2 75-3 35	9	54	
Broom makers -----	Male	Week	<sup>20</sup> 18 00	9	50	307
Stripers -----	Male	Day	5 00	8	48	308
Bodymen -----	Male	Day	3 50	8	48	
Coopers, beer barrels -----	Male	Week	24 00	8	48	309
Coopers, wine & whiskey bbls. -----	Male	Week	21 00	8	48	
Coopers, slack barrels -----	Male	Piece	Av. wk. 30 00	8	48	
Stickermen -----	Male	Day	4 00	8	48	310
Bench hands -----	Male	Day	4 00	8	48	
Mill hands -----	Male	Day	3 50	8	48	
Stickermen -----	Male	Day	5 00	8	48	311
Bench hands -----	Male	Day	4 50	8	48	
Mill hands -----	Male	Day	3 25-4 00	8	48	
Stickermen -----	Male	Day	5 00	8	48	312
Bench hands -----	Male	Day	4 50	8	48	
Mill hands -----	Male	Day	3 25-4 00	8	48	
Millmen -----	Male	Day	5 00	8	48	313
Upholsterers -----	Male	Day	4 50	8	44	314
Mattress workers -----	Male	Day	4 00	8	44	
Upholsterers -----	Male	Day	<sup>30</sup> 4 00	8	48	315
Wood carvers -----	Male	Day	5 00	8	44	316
Foremen -----	Male	Week	25 00	9	55	317
Bench hands -----	Male	Week	21 00	9	55	
Foremen -----	Male	Week	21 00-26 00	9	51	318
Bench hands -----	Male	Week	18 00-21 00	9	54	
Journeyman -----	Male	Week	22 00-27 00	9	56	319
Helpers -----	Male	Week	12 00-18 00	9	56	
Salesmen -----	Male	Week	18 00	9	56	
Foremen -----	Male	Week	22 00-25 00	<sup>319</sup>	<sup>315</sup> 54	320
Bench hands -----	Male	Week	18 00-22 00	<sup>319</sup>	<sup>315</sup> 54	
Foremen -----	Male	Week	25 00	8-9	48-54	321
Bench hands -----	Male	Week	20 00-21 00	8-9	48-54	
Helpers -----	Male	Week	9 00-14 00	8-9	48-54	

<sup>20</sup>January, 1915, wages increased from \$15.00.<sup>30</sup>April, 1914, wages increased from \$3.50 per day.<sup>319</sup>May, 1915, hours reduced from ten per day.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>VII. Food and Liquors—Continued.</b>		
<b>(a) Food Products—Continued.</b>		
<i>Bakers and Confectioners—Continued</i>		
322	San Francisco ---	Bakery and Confectionery Workers' International Union of North America, No. 125 (annex).
<i>Butchers and Meat Cutters—</i>		
323	Oakland -----	Amalgamated Meat Cutters and Butcher Workmen of North America, No. 120.
324	Sacramento -----	Amalgamated Meat Cutters and Butcher Workmen of North America, No. 498.
325	San Francisco ---	Amalgamated Meat Cutters and Butcher Workmen of North America, No. 115.
326	San Francisco ---	Amalgamated Meat Cutters and Butcher Workmen of North America, No. 508.
327	San Mateo -----	Amalgamated Meat Cutters and Butcher Workmen of North America, No. 516.
328	Stockton -----	American Federation of Labor, Butchers' Union, No. 127.
329	Vallejo -----	Amalgamated Meat Cutters and Butcher Workmen of North America, No. 532.
<b>(b) BEVERAGES.</b>		
<i>Brewery Employees, Beer Drivers and Bottlers—</i>		
330	Eureka -----	International Union of United Brewery Workmen of America.
331	Los Angeles -----	International Union of United Brewery Workmen of America, No. 227 (Branch 6).
332	Sacramento -----	International Union of United Brewery Workmen of America, No. 227 (Branch 4).
333	San Diego -----	International Union of United Brewery Workmen of America, No. 7 (Branch 3).
334	San Francisco ---	International Union of United Brewery Workmen of America, No. 293.
335	San Francisco ---	International Union of United Brewery Workmen of America, No. 227.
336	San Jose -----	International Union of United Brewery Workmen of America, No. 7 (Branch 2).
<i>Brewery Employees, Brewers and Maltsters—</i>		
337	Los Angeles -----	International Union of United Brewery Workmen of America, No. 7 (Branch 4).
338	Sacramento -----	International Union of United Brewery Workmen of America, No. 7 (Branch 6).
339	San Francisco ---	International Union of United Brewery Workmen of America, No. 7.
<b>VIII. Theaters and Music.</b>		
<i>Moving Picture and Projecting Machine Operators—</i>		
340	Fresno -----	International Alliance of Theatrical Stage Employees and Motion Picture Machine Operators, No. 599.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Cracker and cake packers .....	Female	Week	9 00-10 50	8	48	322
Icing workers .....	Female	Week	9 00	8	48	
Meat cutters .....	Male	Day	<sup>33</sup> 3 50	9-10	<sup>32</sup> 57-61	323
Sausage makers .....	Male	Day	<sup>33</sup> 3 50	9-10	<sup>32</sup> 57-61	
Butchers .....	Male	Week	<sup>33</sup> 21 00	<sup>33</sup> 10	61	324
Meat cutters .....	Male	Week	<sup>34</sup> 22 00	10	61	325
Butchers .....	Male	Month	100 00-150 00	8	45	326
				10½-11½	52½-64	327
Butchers .....	Male	Week	21 00	10	61½	328
Meat cutters .....	Male	Week	20 00	10½	67½	329
Beer drivers .....	Male	Week	19 00-25 00	10	60	330
Bottlers .....	Male	Week	18 00	8	48	
Brewers .....	Male	Week	24 00	8	48	
Beer drivers .....	Male	Week	23 00-24 00	9	54	331
Stablemen .....	Male	Week	21 00	9	58	
Helpers .....	Male	Week	19 00	9	51	
Beer drivers .....	Male	Day	4 10	10	60	332
Engineers .....	Male	Week	27 00	8	56	333
Bottlers .....	Male	Week	20 50	8	48	
Drivers .....	Male	Week	23 00-26 00	9	54	
Helpers .....	Male	Week	21 00	9	54	
Brewers .....	Male	Week	25 50	8	48	
Beer bottlers .....	Male	Day	3 75	8	48	334
Drivers, keg .....	Male	Week	28 00	9	54	335
Drivers, bottle .....	Male	Week	23 00	9	54	
Drivers, shipping .....	Male	Week	24 00	9	54	
Helpers .....	Male	Week	24 00	9	54	
Stablemen .....	Male	Week	24 00	10	60	
Brewers .....	Male	Week	25 50	8	48	336
Drivers, keg .....	Male	Week	28 00	11	66	
Drivers, bottle .....	Male	Week	23 00	11	66	
Bottlers .....	Male	Week	22 50	8	48	
Brewers and maltsters .....	Male	Week	25 50	8	48	337
Brewers and maltsters .....	Male	Day	4 25	8	48	338
Brewers and maltsters .....	Male	Day	4 25	8	48	339
Operators .....	Male	Week	30 00	13	91	340

<sup>32</sup>January, 1914, wages increased \$1.00 per week; hours reduced from 63 per week.<sup>33</sup>April, 1914, wages increased from \$3.00 per day, and hours reduced from 12-14 per day.<sup>34</sup>August, 1914, wages increased \$1.00 per week.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
VIII. Theaters and Music—Continued.		
<i>Moving Picture—</i>		
341	Los Angeles -----	International Alliance of Theatrical Stage Employees, and Moving Picture Operators of the United States, No. 150.
342	Oakland -----	International Alliance of Theatrical Stage Employees, and Moving Picture Operators of the United States, No. 169.
343	Sacramento -----	International Alliance of Theatrical Stage Employees, and Moving Picture Operators of the United States, No. 252.
344	San Francisco ---	International Alliance of Theatrical Stage Employees, and Moving Picture Operators of the United States, No. 162.
345	San Jose -----	International Alliance of Theatrical Stage Employees, and Moving Picture Operators of the United States, No. 431.
346	Stockton -----	International Alliance of Theatrical Stage Employees, and Moving Picture Operators of the United States, No. 428.
<i>Musicians—</i>		
347	Chico -----	American Federation of Musicians, No. 508.
348	Fresno -----	American Federation of Musicians, No. 210.
349	Healdsburg -----	American Federation of Musicians, No. 577.
350	Long Beach -----	American Federation of Musicians, No. 353.
351	Los Angeles -----	American Federation of Musicians, No. 47.
352	Marysville -----	American Federation of Musicians, No. 158.
353	Napa -----	American Federation of Musicians, No. 377.
354	Petaluma -----	American Federation of Musicians, No. 439.
355	Redwood City ---	American Federation of Musicians, No. 570.
356	Richmond -----	American Federation of Musicians, No. 424.
357	Riverside -----	American Federation of Musicians, No. 692.
358	Sacramento -----	American Federation of Musicians, No. 12.
359	San Bernardino..	American Federation of Musicians, No. 167.
360	San Diego -----	American Federation of Musicians, No. 325.
361	San Jose -----	American Federation of Musicians, No. 153.
362	San Francisco ---	American Federation of Musicians, No. 6.
363	Santa Barbara ---	American Federation of Musicians, No. 308.
364	Santa Cruz -----	American Federation of Musicians, No. 346.
365	Santa Rosa -----	American Federation of Musicians, No. 292.
366	Stockton -----	American Federation of Musicians, No. 189.
367	Vallejo -----	American Federation of Musicians, No. 367.
<i>Stage Mechanics—</i>		
368	Eureka -----	International Alliance of Theatrical Stage Employees, No. 430.
369	Fresno -----	International Alliance of Theatrical Stage Employees, No. 158.
370	Marysville -----	International Alliance of Theatrical Stage Employees, No. 216.
371	Oakland -----	International Alliance of Theatrical Stage Employees, No. 107.
372	Sacramento -----	International Alliance of Theatrical Stage Employees, No. 50.
373	San Diego -----	International Alliance of Theatrical Stage Employees, No. 122.
374	San Francisco ---	International Alliance of Theatrical Stage Employees, No. 16.
375	Stockton -----	International Alliance of Theatrical Stage Employees, No. 90.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Operators -----	Male	Week	25 00			341
Operators -----	Male	Hour	60	8	56	342
Operators -----	Male	Week	25 00-30 00	64		343
Operators -----	Male	Week	27 50-32 50			344
Operators -----	Male	Week	25 00	8	56	345
Operators -----	Male	Week	25 00	8	56	346
Musicians -----	Female					347
Musicians -----						348
Musicians -----						349
Musicians -----						350
Musicians -----						351
Musicians -----						352
Musicians -----						353
Musicians -----						354
Musicians -----						355
Musicians -----			22 50			356
Musicians -----	Male		22 50-25 00			
Musicians -----						357
Musicians -----						358
Musicians -----						359
Musicians -----						360
Musicians -----						361
Musicians -----						362
Musicians -----						363
Musicians -----						364
Musicians -----						365
Musicians -----						366
Musicians -----						367
Mechanics, property men, etc...	Male					368
Mechanics, property men, etc...	Male	Hour	60	8	56	369
Mechanics, property men, etc...						370
Mechanics, property men, etc...	Male	Week	30 00-35 00		53-56	371
Mechanics, property men, etc...	Male	Week	25 00-30 00	8	56	372
Mechanics, property men, etc...	Male	Week	27 00	5 7	35 49	373
Mechanics, property men, etc...	Male	Week	20 00-35 00	8	56	374
Mechanics, property men, etc...	Male	Week	20 00-30 00			375

<sup>1</sup>September, 1914, wages increased from \$20.00 per week.

<sup>2</sup>Musicians in most instances are engaged in another occupation through which they gain a livelihood, many being members in unions in other trades. The wage varies with the nature of the service rendered, and the purpose for which it is rendered.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>IX. Tobacco.</b>		
<i>Cigar Makers—</i>		
376	Bakersfield -----	Cigar Makers' International Union of America, No. 469
377	Los Angeles -----	Cigar Makers' International Union of America, No. 225
378	Sacramento -----	Cigar Makers' International Union of America, No. 238
379	San Diego -----	Cigar Makers' International Union of America, No. 332
380	San Francisco ---	Cigar Makers' International Union of America, No. 228
381	San Jose -----	Cigar Makers' International Union of America, No. 291
<i>Tobacco Workers—</i>		
382	San Francisco ---	Tobacco Workers' International Union, No. 74-----
<b>X. Restaurants and Trade.</b>		
<b>(a) HOTELS AND RESTAURANTS.</b>		
<i>Bartenders—</i>		
383	Bakersfield -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 378.
384	Eureka -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 406.
385	Fresno -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 566.
386	Los Angeles -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 284.
387	Marysville -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 699.
388	Mojave -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 448.
389	Oakland -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 525.
390	Richmond -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 595.
391	Sacramento -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 603.
392	San Diego -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 768.
393	San Francisco ---	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 41.
394	San Jose -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 577.
395	San Pedro -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 591.
396	San Rafael -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 542.
397	Santa Rosa -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 770.
398	Stockton -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 403.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Cigar makers -----	Male	Week	18 00	8	48	376
Cigar makers -----	Male	Piece		8	47	377
Cigar makers -----	Male	Piece		8	48	378
Cigar makers -----	M. & F.	Piece	Av.wk. 15 00	8	48	379
Cigar packers -----	Male	Piece	Av.wk. 20 00	8	48	
Cigar makers -----	Male	Piece		8	48	380
Cigar makers -----	Male	Piece	Av.wk. 14 00	8	48	381
Labelers -----	Female	Week	7 00	8	48	382
Packers -----	Male	Week	12 00-20 00	8	48	
Bartenders -----	Male	Day	3 50	8	56	383
Bartenders -----	Male	Week	21 00	9	63	384
Bartenders -----	Male	Week	21 00	9	54	385
Bartenders -----	Male	Day	3 75	10	60	386
Bartenders -----	Male	Week	21 00	10	70	387
Bartenders -----	Male	Hour	40	9	63	388
Bartenders -----	Male	Day	3 50	10	60	389
Bartenders -----	Male	Day	3 50	10	60	390
Bartenders -----	Male	Week	21 00	<sup>30</sup> 10	60	391
Bartenders -----	Male	Week	22 50	9 <sup>1</sup> / <sub>2</sub>	<sup>37</sup> 57	392
Bartenders -----	Male	Week	21 00	10	60	393
Bartenders -----	Male	Month	75 00-125 00	9	54-63	394
Bartenders -----	Male	Week	22 50	9	54	395
Bartenders -----	Male	Week	17 50	9	63	396
Bartenders -----	Male			9	<sup>37</sup> 54	397
Bartenders -----	Male	Week	21 00	10	<sup>38</sup> 60	398

<sup>30</sup>January, 1914, hours reduced from 12 per day. January, 1915, hours reduced from 60 and over.<sup>37</sup>July, 1914, hours reduced from 63 per week.<sup>38</sup>June, 1914, hours reduced from 70 per week.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>X. Restaurants and Trade—Continued.</b>		
<b>(a) HOTELS AND RESTAURANTS—Continued.</b>		
<i>Cooks, Waiters, and Waitresses—</i>		
399	Bakersfield -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 550.
400	Fresno -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 62.
401	Los Angeles -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 370.
402	Oakland -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 31.
403	Sacramento -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 561.
404	San Bernardino..	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 673.
405	San Diego -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 402.
406	San Francisco ---	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 110.
407	San Francisco ---	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 44.
408	San Francisco ---	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 30.
409	San Francisco ---	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 48.
410	San Jose -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 180.
411	San Pedro -----	Hotel and Restaurant Employees' International Alliance and Bartenders' International League of America, No. 754.
<b>(b) BARBERING.</b>		
<i>Barbers—</i>		
412	Bakersfield -----	Journeyman Barbers' International Union, No. 317.....
413	El Centro -----	Journeyman Barbers' International Union, No. 733.....
414	Eureka -----	Journeyman Barbers' International Union, No. 431.....
415	Jackson -----	Journeyman Barbers' International Union, No. 533.....
416	Los Angeles -----	Journeyman Barbers' International Union, No. 295.....
417	Modesto -----	Journeyman Barbers' International Union, No. 24.....
418	Oakland -----	Journeyman Barbers' International Union, No. 134.....
419	Petaluma -----	Journeyman Barbers' International Union, No. 419.....
420	Richmond -----	Journeyman Barbers' International Union, No. 508.....
421	San Bernardino..	Journeyman Barbers' International Union, No. 253.....
422	San Diego -----	Journeyman Barbers' International Union, No. 256.....

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Waiters -----	Male	Day	2 50-3 00	10	70	399
Waitresses -----	Female	Month	45 00	6½	48	
Cooks -----	Male	Day	3 00-3 50	10	60	400
Waiters -----	Male	Day	2 00-2 50	10	60	
Helpers -----	Male	Day	2 50	12	84	
Waitresses -----	Female	Week	8 00	8	48	
Waiters -----	Male	Week	8 00-10 00	10-12	70-84	401
Waitresses -----	Female	Week	6 00-8 00	8	48	
Cooks -----	Male	Week	18 00-27 00	10	60	402
Cooks -----	Female	Week	14 50-18 00	8	48	
Waitresses -----	Female	Week	6 00-9 00	6-8	36-48	
Waiters -----	Male	Week	10 00-12 00	10	60	
Dishwashers -----	Male	Week	9 00	10	60	
Cooks -----	Male	Week	18 00	10	60	403
Waiters -----	Male	Week	12 00	10	60	
Waitresses -----	Female	Week	9 00	8	48	
Cooks -----	Male	Week	20 00-24 00	10	70	404
Waiters -----	Male	Week	14 00	8	48	
Waitresses -----	Female	Week	9 00	8	48	
Cooks -----	Male	Week	21 00-25 00	10	70	405
Helpers -----	Male	Week	12 60	10	70	
Waiters -----	Male	Day	1 25-2 00	10	60	
Waitresses -----	Female	Week	6 00-9 00	8	48	
Cooks, helpers -----	Male	Week	12 00	10	60	406
Helpers -----	Male	Week	10 00	10	60	
Cooks -----	Male	Day	3 00	10	60	407
Waiters -----	Male	Day	2 00	10	60	408
Waitresses -----	Female	Week	4 <sup>10</sup> 00	8	48	409
Cooks -----	Male	Week	18 00	10		410
Cooks -----	Male	Week	15 00	11	66	411
Waiters -----	Male	Week	12 00	10	60	
Waitresses -----	Female	Week	9 00	8	48	
Barbers -----	Male	Week	20 00	11½	72	412
Barbers -----	Male	Day	3 00	12	75	413
Barbers -----	Male	Week	18 00	10	62	414
Barbers -----						415
Barbers -----	Male	Week	15 00	10½	66	416
Barbers -----	Male	Week	18 00	9½	70	417
Barbers -----	Male	Week	16 00	8-10	77½	418
Barbers -----	Male	Week	18 00	10	66	419
Barbers -----	Male	Week	18 00	9½	61½	420
Barbers -----	Male	Week	15 00	12	65	421
Barbers -----	Male	Week	15 00	10	67½	422

<sup>10</sup>January, 1916, hours reduced from 14 per day.<sup>11</sup>1914, wages increased from \$9.00 per week.<sup>12</sup>Plus 60 per cent over \$28.00 taken in.<sup>13</sup>Plus 60 per cent over \$23.50 taken in.



## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>X. Restaurants and Trade—Continued.</b>		
(b) <b>BARBERING—Continued.</b>		
<i>Barbers—Continued.</i>		
423	San Francisco ---	Journeyman Barbers' International Union, No. 148.....
424	San Jose -----	Journeyman Barbers' International Union, No. 252.....
425	Santa Ana -----	Journeyman Barbers' International Union, No. 388.....
426	Santa Barbara ---	Journeyman Barbers' International Union, No. 560.....
427	Santa Rosa -----	Journeyman Barbers' International Union, No. 159.....
428	Stockton -----	Journeyman Barbers' International Union, No. 312.....
429	Vallejo -----	Journeyman Barbers' International Union, No. 335.....
(c) <b>RETAIL TRADE.</b>		
<i>Clerks and Salesmen—</i>		
430	Bakersfield ----	Retail Clerks' International Protective Association, No. 1217.
431	Oakland -----	Bakery and Confectionery Workers' International Union of America, No. 102.
432	San Diego -----	Retail Clerks' International Protective Association, No. 769.
433	San Francisco ---	Retail Clerks' International Protective Association, No. 432.
434	San Jose -----	Retail Clerks' International Protective Association, No. 428.
<i>Office Employees—</i>		
435	San Francisco ---	Office Employees' Association, No. 13188.....
<b>XI. Public Employment.</b>		
<i>Post Office Clerks—</i>		
436	Berkeley -----	National Federation of Post Office Clerks, No. 47.....
437	Los Angeles -----	National Federation of Post Office Clerks, No. 64.....
438	San Jose -----	National Federation of Post Office Clerks, No. 73.....
439	Sacramento -----	National Federation of Post Office Clerks, No. 66.....
440	San Francisco ---	Federation Labor Union, No. 14374.....
441	Vallejo -----	National Federation of Post Office Clerks, No. 45.....
<b>XII. Stationary Engine Men.</b>		
<i>Dredgemen—</i>		
442	San Francisco ---	International Brotherhood of Steam Shovel and Dredgemen, No. 4.
<i>Engineers, Stationary—</i>		
443	Bakersfield ----	International Union of Steam and Operating Engi- neers, No. 469.
444	Fresno -----	International Union of Steam and Operating Engi- neers, No. 336.
445	Los Angeles -----	International Union of Steam and Operating Engi- neers, No. 72.
446	Oakland -----	International Union of Steam and Operating Engi- neers, No. 507.
447	Sacramento -----	International Union of Steam and Operating Engi- neers, No. 210.
448	San Francisco ---	International Union of Steam and Operating Engi- neers, No. 59.
449	San Pedro -----	International Union of Steam and Operating Engi- neers, No. 235.
450	Santa Rosa -----	International Union of Steam and Operating Engi- neers, No. 147.

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Barbers -----	Male	Week	18 00	10 $\frac{1}{2}$	69	423
Barbers -----	Male	Week	15 00	9 $\frac{1}{2}$	60	424
Barbers -----	Male	Week	*15 00	10 $\frac{1}{2}$	66 $\frac{1}{2}$	425
Barbers -----	Male	Week	*16 00	12	76	426
Barbers -----	Male			9 $\frac{1}{2}$		427
Barbers -----	Male	Week	17 00	10 $\frac{1}{2}$	66	428
Barbers -----	Male	Week	*16 00	10 $\frac{1}{2}$	65	429
Clerks -----	Male	Month	65 00	10	62	430
Clerks -----	Female	Month	35 00	8	48	
Salesmen -----	Male	Day	3 50	9	56	431
Loaders -----	Male	Day	3 50	9	54	
Clerks -----	Male	Day		9 $\frac{1}{2}$	60	432
Clerks -----	Female	Day		8	48	
Clerks -----	Male	Day		10	63	433
						434
Office employees -----	M. & F.			7-8		435
Post office clerks -----	M. & F.	Year	800 00-1200 00	8	48	436
Post office clerks -----	M. & F.	Year	800 00-1200 00	8	48	437
Post office clerks -----	M. & F.	Year	800 00-1200 00	8	48	438
Post office clerks -----	M. & F.	Year	800 00-1200 00	8	56	439
Mechanics -----	M. & F.	Year	600 00-1080 00			440
Post office clerks -----	M. & F.	Year	800 00-1200 00	8	48	441
Engineers -----	Male	Month	100 00	8-10		442
Cranesmen and firemen -----	Male	Month	100 00	8-10		
Chief engineers -----	Male	Month	*150 00	8	56	443
Operating engineers -----	Male	Month	*125 00	8	56	
Apprentices -----	Male	Month	*90 00	8	56	
Engineers, hoisting -----	Male	Day	6 00	8	56	444
Engineers, portable -----	Male	Day	4 00	9	63	
Engineers, brewery -----	Male	Day	4 50	8	48	445
Stationary engineers -----	Male	Day	3 00-4 50	8-9	48-54	446
Stationary engineers -----	Male	Day	4 00	8	48	447
Engineers, hoisting -----	Male	Day	6 00	8	48	
Engineers -----	Male	Day	6 00	8-9	44-54	448
Engineers, crane -----	Male	Hour	50	9	63	449
Engineers, stationary -----	Male	Week	21 00	9	63	
						450

\*Plus 60 per cent of receipts over \$22.00.

\*October, 1915, wages increased from \$15.00 per week.

\*Plus 60 per cent of receipts over \$25.00.

\*July, 1915, salary increased from \$135.00 per month.

\*July, 1915, salary increased from \$100.00 per month.

\*July, 1915, salary increased from \$75.00 per month.

## LABOR ORGANIZATIONS: SHOWING RATES OF WAGES

No.	Locality	Trade and organization
<b>XII. Stationary Engine Men—Continued.</b>		
<i>Engineers, Stationary—Continued.</i>		
451	Stockton .....	International Union of Steam and Operating Engineers, No. 200.
452	Sutter Creek .....	International Union of Steam and Operating Engineers, No. 223.
<i>Firemen, Stationary—</i>		
453	Los Angeles .....	International Brotherhood of Stationary Firemen, No. 220.
454	Sacramento .....	International Brotherhood of Stationary Firemen, No. 149.
455	San Francisco .....	International Brotherhood of Stationary Firemen, No. 86.
<b>XIII. Miscellaneous.</b>		
<b>(a) LEATHER AND LEATHER GOODS.</b>		
<i>Leather Workers—</i>		
456	Los Angeles .....	Traveling Goods and Leather Novelty Workers' International Union of America, No. 9.
457	San Francisco .....	United Brotherhood of Leather Workers on Horse Goods, No. 57.
<b>(b) GLASS AND GLASSWARE.</b>		
<i>Glass Bottle Blowers and Caners—</i>		
458	San Francisco .....	Glass Bottle Blowers' Association of the United States and Canada, No. 22.
<b>(c) CLAY PRODUCTS.</b>		
<i>Pottery Workers—</i>		
459	Richmond .....	National Brotherhood of Operative Potters, No. 89.....
<b>(d) OTHER DISTINCT TRADES.</b>		
<i>Janitors, Porters and Elevatormen—</i>		
460	San Francisco .....	Elevator Conductors and Starters, No. 13105.....
<i>Milkers—</i>		
461	San Francisco .....	Milkers' Protective Union, No. 8861.....
<i>Miners—</i>		
462	Bodie .....	Western Federation of Miners, No. 61.....
463	Grass Valley .....	Western Federation of Miners, No. 90.....
464	Jackson .....	Western Federation of Miners, No. 135.....
465	Randsburg .....	Western Federation of Miners, No. 44.....
<i>Sugar Workers—</i>		
466	San Francisco .....	Sugar Workers' Union, No. 10519.....
<b>(e) MIXED EMPLOYMENT.</b>		
467	San Francisco .....	San Francisco Bootblack Protective Union, No. 10175...

## AND HOURS OF LABOR ON JANUARY 1, 1916—Continued.

Occupation	Sex	Rates of wages		Hours of labor		No.
		Unit	Rates	On first 5 days	Weekly	
Firemen .....	Male	Day	3 85	8	48	454
Firemen .....	Male	Month	100 00	8	48	455
Engineers, stationary .....	Male	Day	3 75-4 50			451
Engineers, hoisting .....	Male	Day	3 50	8	54	452
Firemen .....	Male	Month	60 00-90 00	8	56	453
Oilers .....	Male	Month	90 00	8	48	
Boiler cleaners .....	Male	Month	90 00	8	48	
Trunk makers .....	Male	Week	16 50	9	53	456
Saddle makers .....	Male	Piece	Av.wk. 15 00	9	54	457
Harness makers .....	Male	Day	3 25-3 50	9	54	
Hand bottle makers .....	Male	Piece	Av. day 5 00	8	50	458
Machine bottle makers .....	Male	Day	5 00	9	53	
Pottery workers .....	Male	Piece	Av.wk. 25 00	8	48	459
Elevator conductors .....	Male	Hour	30	9	63	460
Milkers, can & bottle washers .....	Male	Month	\$50 and found	9	60	461
Butter makers .....	Male	Month	100 00	9	54	
Pasteurizers .....	Male	Month	90 00	9	54	
Miners .....	Male	Day	4 00	8	56	462
Timbermen .....	Male	Day	3 25	8	56	463
Miners .....	Male	Day	3 00	8	56	
Car men .....	Male	Day	2 50	8	56	
Muckers .....	Male	Day	2 25-2 50	8	56	
Miners .....	Male	Day	3 00	8	56	464
Muckers .....	Male	Day	2 62	8	56	
Surface workers .....	Male	Day	2 50	9	63	
Machine men .....	Male	Day	4 00	8	56	465
Miners .....	Male	Day	3 50	8	56	
Muckers .....	Male	Day	3 00	8	56	
Timbermen .....	Male	Day	4 00	8	56	
Liquor men .....	Male	Hour	27½	11½	69½	466
Sugar boilers .....	Male	Month	85 00-110 00	8	48	
Sugar workers .....	Male	Hour	25	11½	69½	
Bootblacks .....	Male	Week	Av. 12 00	12	83	467

## MANUFACTURES.

Statistics of manufactures were first presented in the Sixteenth Biennial Report of the bureau. We have endeavored to bring the manufacturers to a realization of the importance of this information but it has proved a slow and trying task. However, we believe that with a little more educational work this branch of the bureau's activities will be improved and a complete directory of the manufacturing establishments and their economic value made available to the public.

The data collected for the calendar year 1916 is presented in this report by industries, in separate tables, for the state and for the cities of San Francisco and Los Angeles.

The industries are classified and the same table number is used to designate the same industries in all the tabulations.

The tabulations for the state cover 2,251 establishments employing a total of 74,026 male and 22,779 female wage earners; and 14,517 male and 2,871 female salaried employees, making a total of 114,193 persons employed in these establishments on December 15, 1916, or the nearest representative date.

The annual wages paid to all these employees amounted to \$86,322,539, of which \$61,982,687 was paid to wage earners.

The weekly wage rates of wage earners have been tabulated and are given in four classifications. Of the male wage earners, eighteen years and over, 35.5 per cent received under \$15.00 per week; of the female wage earners, eighteen years and over, 43.7 per cent received under \$9.00 per week.

The number of wage earners employed during each month of the year has been tabulated in order to show the fluctuation in employment. The number of male employees fluctuated from 58,209 in January to a maximum of 73,727 in September, or an increase of 27 per cent from the lowest to the highest number. The number of female employees fluctuated from 11,473 in January to 22,086 in August, or an increase of 93 per cent between the lowest and the highest number. This large fluctuation is due to the seasonal industries such as canning and dried fruit packing.

The tabulations cover 699 establishments reporting in San Francisco and 547 establishments reporting in Los Angeles.

## CLASSIFICATION OF INDUSTRIES.

Table 1.	All Industries (Total).
Table 2.	Agricultural Implements.
Table 3.	Artificial Stone, Clay and Concrete Products.
Table 4.	Automobiles (Including Bodies and Parts).
Table 5.	Awnings, Tents and Sails.
Table 6.	Babbitt Metal and Solder.
Table 7.	Bags, other than paper.
Table 8.	Bakery Products.
Table 9.	Baking Powders and Yeast.
Table 10.	Baskets, Fruit and Berry, etc.
Table 11.	Bollers and Tanks.
Table 12.	Boots and Shoes.
Table 13.	Boxes, Bags, Cartons, etc., Paper.
Table 14.	Boxes, Wood.
Table 15.	Brass, Bronze and Copper Products.
Table 16.	Brick and Tile.
Table 17.	Brooms and Brushes.
Table 18.	Butter, Cheese and Condensed Milk.
Table 19.	Cans, Tin.
Table 20.	Canning and Packing of Fish.
Table 21.	Canning and Preserving of Fruit and Vegetables.
Table 22.	Carbonated Beverages.
Table 23.	Carriages, Wagons and Materials.
Table 24.	Caskets and Undertakers' Supplies.
Table 25.	Cement.
Table 26.	Chemicals (Including Chemical Fertilizers).
Table 27.	Clothing, Men's.
Table 28.	Clothing, Women's.
Table 29.	Coffee and Spice Roasting and Grinding.
Table 30.	Confectionery.
Table 31.	Cooperage and Wooden Goods, not elsewhere specified.
Table 32.	Electrical Machinery, Apparatus and Supplies.
Table 33.	Electro-Plating.
Table 34.	Engines and Pumps—Gas, Gasoline, etc.
Table 35.	Explosives.
Table 36.	Felt and Felt Products.
Table 37.	Flour Mill and Grist Mill Products.
Table 38.	Food Preparations.
Table 39.	Foundry and Machine Shop Products.
Table 40.	Furniture, Bank and Store Fixtures, etc.
Table 41.	Gas (in containers).
Table 42.	Gas and Electric Fixtures.
Table 43.	Glass, Cutting and Ornamenting (including Mirrors).
Table 44.	Gloves, Leather.
Table 45.	Glue and Tallow.
Table 46.	Hats and Caps, Men's.
Table 47.	Ice, Manufactured.
Table 48.	Iron and Steel Forgings, Bolts and Nuts.
Table 49.	Iron and Steel, Structural and Ornamental.
Table 50.	Jewelry.
Table 51.	Knit Goods.
Table 52.	Laundries (Steam).
Table 53.	Leather Goods.
Table 54.	Liquors, Distilled.
Table 55.	Liquors, Malt.
Table 56.	Liquors, Vinous.
Table 57.	Lumber Industry—Planing Mills.
Table 58.	Lumber Industry—Sash and Door Mills and House Finish.
Table 59.	Lumber Industry—Sawmills and Logging Operations.
Table 60.	Lumber Industry—Shingle Mills.

**CLASSIFICATION OF INDUSTRIES—(Continued).**

Table 61.	Marble and Stone Work.
Table 62.	Mattresses, Pillows and Bedding.
Table 63.	Metal Signs, Stencils and Rubber Stamps.
Table 64.	Millinery.
Table 65.	Oil Stoves and Oil Burning Equipment.
Table 66.	Oil Well Tools and Supplies.
Table 67.	Packing and Processing of Dried Fruits.
Table 68.	Paints and Varnishes.
Table 69.	Paper and Paper Goods (not elsewhere specified).
Table 70.	Patent Medicines, Compounds and Druggists' Preparations.
Table 71.	Petroleum, Refining.
Table 72.	Photo-Engraving, Electrotyping and Stereotyping.
Table 73.	Printing and Publishing.
Table 74.	Rock, Quarrying and Crushing.
Table 75.	Roofing Materials and Building Paper.
Table 76.	Rubber Goods—Mechanical and Rubber Specialties.
Table 77.	Salt.
Table 78.	Sheet Metal Products (not including Tin Cans).
Table 79.	Ship Building (including Boat Building).
Table 80.	Slaughtering and Meat Packing.
Table 81.	Smelting and Refining.
Table 82.	Soap, Washing Powder, etc.
Table 83.	Stoves and Furnaces (not including Oil Stoves).
Table 84.	Sugar Refining.
Table 85.	Tanning.
Table 86.	Tobacco Manufactures.
Table 87.	Trunks, Valises, etc.
Table 88.	Window Shades.
Table 89.	Wire Work (including Wire Rope, Netting, etc.).
Table 90.	All other Industries.

TABLE No. 1. ALL INDUSTRIES (TOTAL).

(2,251 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	4,140	94
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	10,007	2,740
Under 18 years of age.....	370	37
Totals .....	14,517	2,871
Wage earners:		
18 years of age and over.....	22,710	21,875
Under 18 years of age.....	1,316	904
Totals .....	74,026	22,779

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$10,851,490
Clerks, stenographers, salesmen, etc.....	13,488,362
Wage earners (including piece workers).....	61,982,687
Total .....	\$86,322,539

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	292	536	274	45	1,147
\$4 to \$4.99 .....	137	369	75	60	641
\$5 to \$5.99 .....	225	741	165	121	1,252
\$6 to \$6.99 .....	491	2,030	243	179	3,043
\$7 to \$7.99 .....	815	3,007	197	149	4,168
\$8 to \$8.99 .....	735	2,878	84	130	3,827
\$9 to \$9.99 .....	1,857	3,453	98	63	5,471
\$10 to \$10.99 .....	2,525	2,704	76	47	5,352
\$11 to \$11.99 .....	1,877	1,266	38	45	3,226
\$12 to \$12.99 .....	7,194	1,569	45	32	8,840
\$13 to \$13.99 .....	6,142	809	16	13	6,980
\$14 to \$14.99 .....	3,492	566		7	3,965
\$15 to \$17.99 .....	16,734	1,326	4	9	18,073
\$18 to \$20.99 .....	11,683	411	1	2	12,097
\$21 to \$24.99 .....	10,605	121		2	10,728
\$25 and over.....	7,906	89			7,995
Totals .....	72,710	21,875	1,316	904	96,805

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	58,209	11,473	69,682
February .....	58,305	11,612	69,917
March .....	59,500	11,675	71,175
April .....	63,771	12,686	76,457
May .....	64,492	12,806	77,298
June .....	66,746	14,962	81,708
July .....	68,120	20,526	88,646
August .....	71,806	22,086	93,892
September .....	73,727	20,986	94,713
October .....	72,788	18,096	90,884
November .....	68,698	15,342	84,040
December .....	64,531	14,113	78,644



**TABLE No. 2. AGRICULTURAL IMPLEMENTS.**

(8 establishments reporting.)

**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	50	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	176	35
Under 18 years of age.....	3	1
Totals .....	229	36
Wage earners:		
18 years of age and over.....	853	
Under 18 years of age.....	1	
Totals .....	854	

**Salary and wage payments—annual:**

Officers, superintendents and managers..... \$135,124

Clerks, stenographers, salesmen, etc..... 267,030

Wage earners (including piece workers)..... 696,241

**Total .....** \$1,098,395**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	12				12
\$7 to \$7.99.....	5		1		6
\$8 to \$8.99.....	8				8
\$9 to \$9.99.....	16				16
\$10 to \$10.99.....	13				13
\$11 to \$11.99.....	10				10
\$12 to \$12.99.....	45				45
\$13 to \$13.99.....	75				75
\$14 to \$14.99.....	8				8
\$15 to \$17.99.....	232				232
\$18 to \$20.99.....	151				151
\$21 to \$21.99.....	216				216
\$25 and over.....	59				59
Totals .....	853		1		854

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	847		847
February .....	881		881
March .....	917		917
April .....	994		994
May .....	812		812
June .....	788		788
July .....	675		675
August .....	719		719
September .....	771		771
October .....	821		821
November .....	838		838
December .....	845		845

TABLE No. 3. ARTIFICIAL STONE, CLAY AND CONCRETE PRODUCTS.

(32 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	44	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	31	11
Under 18 years of age.....	1	
Totals .....	76	13
Wage earners:		
18 years of age and over.....	618	
Under 18 years of age.....	1	
Totals .....	619	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$110,907
Clerks, stenographers, salesmen, etc.....	50,851
Wage earners (including piece workers).....	443,984
Total .....	\$605,742

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....	1				1
\$5 to \$5.99.....					
\$6 to \$6.99.....	2				2
\$7 to \$7.99.....			1		1
\$8 to \$8.99.....					
\$9 to \$9.99.....	2				2
\$10 to \$10.99.....	6				6
\$11 to \$11.99.....	27				27
\$12 to \$12.99.....	150				150
\$13 to \$13.99.....	73				73
\$14 to \$14.99.....	21				21
\$15 to \$17.99.....	166				166
\$18 to \$20.99.....	80				80
\$21 to \$24.99.....	55				55
\$25 and over.....	35				35
Totals .....	618		1		619

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	569		569
February .....	560		560
March .....	594		594
April .....	610		610
May .....	610		610
June .....	626		626
July .....	671		671
August .....	637		637
September .....	605		605
October .....	605		605
November .....	566		566
December .....	540		540

**TABLE No. 4. AUTOMOBILES (including bodies and parts).**  
(28 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	45	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	32	23
Under 18 years of age.....	1	
<b>Totals</b> .....	78	24
<b>Wage earners:</b>		
18 years of age and over.....	442	6
Under 18 years of age.....	4	
<b>Totals</b> .....	446	6

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$81,483
Clerks, stenographers, salesmen, etc.....	40,283
Wage earners (including piece workers).....	365,566
<b>Total</b> .....	<b>\$487,332</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	8		2		10
\$7 to \$7.99.....	9				9
\$8 to \$8.99.....	3	1			4
\$9 to \$9.99.....	8	1	2		11
\$10 to \$10.99.....	6	1			7
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	28				28
\$13 to \$13.99.....	27	1			28
\$14 to \$14.99.....	16				16
\$15 to \$17.99.....	65	2			67
\$18 to \$20.99.....	121				121
\$21 to \$24.99.....	100				100
\$25 and over.....	49				49
<b>Totals</b> .....	442	6	4		452

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	386	6	392
February.....	389	6	395
March.....	404	6	410
April.....	410	6	416
May.....	419	6	425
June.....	414	6	420
July.....	426	6	432
August.....	425	6	431
September.....	333	6	339
October.....	443	6	449
November.....	454	6	460
December.....	448	6	454

TABLE No. 5. AWNINGS, TENTS AND SAILS.

(15 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	17	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	9	11
Under 18 years of age.....	-----	-----
Totals .....	26	11
Wage earners:		
18 years of age and over.....	69	44
Under 18 years of age.....	1	-----
Totals .....	70	44

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$17,252
Clerks, stenographers, salesmen, etc.....	12,970
Wage earners (including piece workers).....	81,924
Total .....	\$112,146

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	-----	-----	-----	-----
\$1 to \$4.99.....	-----	-----	-----	-----	-----
\$5 to \$5.99.....	-----	-----	-----	-----	-----
\$6 to \$6.99.....	-----	1	-----	-----	1
\$7 to \$7.99.....	-----	3	-----	-----	3
\$8 to \$8.99.....	2	6	-----	-----	8
\$9 to \$9.99.....	2	13	1	-----	16
\$10 to \$10.99.....	3	7	-----	-----	10
\$11 to \$11.99.....	1	3	-----	-----	4
\$12 to \$12.99.....	2	9	-----	-----	11
\$13 to \$13.99.....	-----	-----	-----	-----	-----
\$14 to \$14.99.....	2	-----	-----	-----	2
\$15 to \$17.99.....	18	2	-----	-----	20
\$18 to \$20.99.....	13	-----	-----	-----	13
\$21 to \$24.99.....	3	-----	-----	-----	3
\$25 and over.....	23	-----	-----	-----	23
Totals .....	69	44	1	-----	114

Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	60	42	102
February.....	62	41	103
March.....	60	50	110
April.....	71	57	128
May.....	73	57	130
June.....	73	51	124
July.....	75	53	128
August.....	67	54	121
September.....	67	51	118
October.....	71	47	118
November.....	68	44	112
December.....	65	44	109

TABLE No. 6. BABBITT METAL AND SOLDER.

(3 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	7	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	6	6
Under 18 years of age.....		
Totals .....	13	6
Wage earners:		
18 years of age and over.....	35	
Under 18 years of age.....		
Totals .....	35	

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$26,560
Clerks, stenographers, salesmen, etc.....	9,967
Wage earners (including piece workers).....	30,129
Total .....	\$66,646

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	2				2
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	2				2
\$13 to \$13.99 .....	2				2
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	7				7
\$18 to \$20.99 .....	10				10
\$21 to \$24.99 .....	9				9
\$25 and over .....	2				2
Totals .....	35				35

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	33		33
February .....	33		33
March .....	35		35
April .....	35		35
May .....	37		37
June .....	37		37
July .....	37		37
August .....	37		37
September .....	35		35
October .....	35		35
November .....	35		35
December .....	35		35

TABLE No. 7. BAGS, OTHER THAN PAPER.

(4 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	12	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	28	13
Under 18 years of age.....		
Totals.....	40	13
Wage earners:		
18 years of age and over.....	138	220
Under 18 years of age.....	4	21
Totals.....	142	241
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$52,405
Clerks, stenographers, salesmen, etc.....		56,342
Wage earners (including piece workers).....		205,402
Total.....		\$314,149

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1	31	1	13	46
\$7 to \$7.99.....	4	45	2	5	56
\$8 to \$8.99.....	4	34		2	40
\$9 to \$9.99.....	4	25	1	1	31
\$10 to \$10.99.....	9	49			58
\$11 to \$11.99.....	3	12			15
\$12 to \$12.99.....	15	11			26
\$13 to \$13.99.....	11	9			20
\$14 to \$14.99.....	2	1			3
\$15 to \$17.99.....	28	2			30
\$18 to \$20.99.....	30				30
\$21 to \$24.99.....	22	1			23
\$25 and over.....	5				5
Totals.....	138	220	4	21	383

Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	159	137	296
February.....	144	165	309
March.....	134	214	348
April.....	159	295	454
May.....	152	262	414
June.....	182	344	526
July.....	159	320	479
August.....	161	260	421
September.....	142	254	396
October.....	144	247	391
November.....	125	187	312
December.....	125	140	265

TABLE No. 8. BAKERY PRODUCTS.

(78 establishments reporting.)

The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	111	8
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	383	69
Under 18 years of age.....	1	2
<b>Totals</b> .....	<b>495</b>	<b>79</b>
<b>Wage earners:</b>		
18 years of age and over.....	1,454	561
Under 18 years of age.....	24	17
<b>Totals</b> .....	<b>1,478</b>	<b>578</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$335,703
Clerks, stenographers, salesmen, etc.....	481,208
Wage earners (including piece workers).....	1,502,874
<b>Total</b> .....	<b>\$2,319,785</b>

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	2	1			3
\$4 to \$4.99.....			12	12	24
\$5 to \$5.99.....	15	18			33
\$6 to \$6.99.....	5	99	6	4	114
\$7 to \$7.99.....	45	83			128
\$8 to \$8.99.....	22	43	2	1	68
\$9 to \$9.99.....	27	151			178
\$10 to \$10.99.....	50	84	1		135
\$11 to \$11.99.....	15	18	3		36
\$12 to \$12.99.....	85	26			111
\$13 to \$13.99.....	28	9			37
\$14 to \$14.99.....	44	6			50
\$15 to \$17.99.....	336	19			355
\$18 to \$20.99.....	389	4			393
\$21 to \$24.99.....	262				262
\$25 and over.....	129				129
<b>Totals</b> .....	<b>1,454</b>	<b>561</b>	<b>24</b>	<b>17</b>	<b>2,056</b>

Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	1,457	564	2,021
February.....	1,468	563	2,031
March.....	1,486	582	2,068
April.....	1,484	568	2,052
May.....	1,469	565	2,034
June.....	1,450	574	2,024
July.....	1,460	574	2,034
August.....	1,481	556	2,037
September.....	1,484	556	2,040
October.....	1,476	569	2,045
November.....	1,488	603	2,091
December.....	1,497	615	2,112

**TABLE No. 9. BAKING POWDERS AND YEAST.**  
(2 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	4	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	48	20
Under 18 years of age.....		
Totals.....	52	20
Wage earners:		
18 years of age and over.....	40	10
Under 18 years of age.....		
Totals.....	40	10
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$6,050
Clerks, stenographers, salesmen, etc.....		40,714
Wage earners (including piece workers).....		35,198
Total.....		\$81,962

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1	3			4
\$7 to \$7.99.....		3			3
\$8 to \$8.99.....		2			2
\$9 to \$9.99.....		2			2
\$10 to \$10.99.....	2				2
\$11 to \$11.99.....					
\$12 to \$12.99.....	2				2
\$13 to \$13.99.....	7				7
\$14 to \$14.99.....	9				9
\$15 to \$17.99.....	12				12
\$18 to \$20.99.....	4				4
\$21 to \$24.99.....	3				3
\$25 and over.....					
Totals.....	40	10			50

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	24	1	25
February.....	24	1	25
March.....	24	2	26
April.....	24	2	26
May.....	24	2	26
June.....	24	2	26
July.....	38	10	48
August.....	36	10	46
September.....	38	10	48
October.....	38	10	48
November.....	41	10	51
December.....	40	10	50



TABLE No. 10. BASKETS, FRUIT AND BERRY, ETC.

(3 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	4	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	3	-----
Under 18 years of age.....	-----	-----
Totals .....	7	-----
Wage earners:		
18 years of age and over.....	15	15
Under 18 years of age.....	-----	2
Totals .....	15	17

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$6,200
Clerks, stenographers, salesmen, etc.....	1,500
Wage earners (including piece workers).....	10,460
Total .....	\$18,160

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	8	12	-----	-----	20
\$4 to \$4.99 .....	-----	1	-----	-----	1
\$5 to \$5.99 .....	-----	-----	-----	2	2
\$6 to \$6.99 .....	-----	1	-----	-----	1
\$7 to \$7.99 .....	-----	1	-----	-----	1
\$8 to \$8.99 .....	-----	1	-----	-----	1
\$9 to \$9.99 .....	-----	1	-----	-----	1
\$10 to \$10.99 .....	-----	-----	-----	-----	-----
\$11 to \$11.99 .....	-----	-----	-----	-----	-----
\$12 to \$12.99 .....	-----	-----	-----	-----	-----
\$13 to \$13.99 .....	-----	-----	-----	-----	-----
\$14 to \$14.99 .....	1	-----	-----	-----	1
\$15 to \$17.99 .....	5	-----	-----	-----	5
\$18 to \$20.99 .....	-----	-----	-----	-----	-----
\$21 to \$24.99 .....	-----	-----	-----	-----	-----
\$25 and over.....	1	-----	-----	-----	1
Totals .....	15	15	-----	2	32

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	7	5	12
February .....	8	5	13
March .....	9	6	15
April .....	9	18	27
May .....	16	19	35
June .....	16	20	36
July .....	16	9	25
August .....	7	9	16
September .....	6	6	12
October .....	6	5	11
November .....	6	4	10
December .....	6	5	11

TABLE No. 11. BOILERS AND TANKS.

(15 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	26	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	17	5
Under 18 years of age.....	-----	-----
Totals .....	43	5
Wage earners:		
18 years of age and over.....	250	-----
Under 18 years of age.....	2	-----
Totals .....	252	-----

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$68,336
Clerks, stenographers, salesmen, etc.....	24,228
Wage earners (including piece workers).....	320,016
<b>Total .....</b>	<b>\$412,580</b>

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1				1
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....	2		1		3
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	5		1		6
\$10 to \$10.99 .....	2				2
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	4				4
\$13 to \$13.99 .....	5				5
\$14 to \$14.99 .....	11				11
\$15 to \$17.99 .....	60				60
\$18 to \$20.99 .....	33				33
\$21 to \$24.99 .....	92				92
\$25 and over.....	34				34
Totals .....	250		2		252

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	260		260
February .....	273		273
March .....	278		278
April .....	286		286
May .....	317		317
June .....	283		283
July .....	255		255
August .....	264		264
September .....	248		248
October .....	244		244
November .....	252		252
December .....	227		227

TABLE No. 12. BOOTS AND SHOES.

(6 establishments reporting.)

The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	10	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	25	12
Under 18 years of age.....		
<b>Totals</b> .....	35	13
<b>Wage earners:</b>		
18 years of age and over.....	299	104
Under 18 years of age.....	5	
<b>Totals</b> .....	304	104
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$24,943
Clerks, stenographers, salesmen, etc.....		36,101
Wage earners (including piece workers).....		216,255
<b>Total</b> .....		\$277,299

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	2	3	1		6
\$6 to \$6.99.....	9	13	1		23
\$7 to \$7.99.....	9	9	1		19
\$8 to \$8.99.....	6	17	1		24
\$9 to \$9.99.....	26	9			35
\$10 to \$10.99.....	15	15	1		31
\$11 to \$11.99.....	9	9			18
\$12 to \$12.99.....	22	13			35
\$13 to \$13.99.....	22	8			30
\$14 to \$14.99.....	14	1			15
\$15 to \$17.99.....	66	4			70
\$18 to \$20.99.....	63	3			66
\$21 to \$24.99.....	23				23
25 and over.....	13				13
<b>Totals</b> .....	299	104	5		408

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	242	87	329
February .....	242	83	325
March .....	241	87	328
April .....	250	85	335
May .....	257	88	345
June .....	244	85	329
July .....	237	83	320
August .....	287	98	385
September .....	286	101	387
October .....	302	109	411
November .....	305	108	413
December .....	298	102	400

**TABLE No. 13. BOXES, BAGS, CARTONS, ETC., PAPER.**  
(20 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	45	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	35	12
Under 18 years of age.....		
<b>Totals</b> .....	<b>80</b>	<b>13</b>
<b>Wage earners:</b>		
18 years of age and over.....	235	362
Under 18 years of age.....	13	62
<b>Totals</b> .....	<b>248</b>	<b>424</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$92,447
Clerks, stenographers, salesmen, etc.....		55,981
Wage earners (including piece workers).....		329,533
<b>Total</b> .....		<b>\$477,961</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....				11	11
\$5 to \$5.99.....		43	1	29	73
\$6 to \$6.99.....	4	72	3	11	90
\$7 to \$7.99.....	3	72	2	3	80
\$8 to \$8.99.....	5	52	4	4	65
\$9 to \$9.99.....	11	45	3	2	61
\$10 to \$10.99.....	15	40		2	57
\$11 to \$11.99.....	6	16			22
\$12 to \$12.99.....	34	13			47
\$13 to \$13.99.....	18	6			24
\$14 to \$14.99.....	7				7
\$15 to \$17.99.....	49	2			51
\$18 to \$20.99.....	43	1			44
\$21 to \$24.99.....	18				18
\$25 and over.....	22				22
<b>Totals</b> .....	<b>235</b>	<b>362</b>	<b>13</b>	<b>62</b>	<b>672</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	238	417	655
February.....	236	399	635
March.....	237	412	649
April.....	227	382	609
May.....	227	362	589
June.....	226	340	566
July.....	241	360	601
August.....	233	394	627
September.....	243	446	689
October.....	254	506	760
November.....	266	480	746
December.....	267	475	742

**TABLE No. 14. BOXES, WOOD.**  
(13 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	27	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	24	7
Under 18 years of age.....		
Totals.....	51	7
Wage earners:		
18 years of age and over.....	442	68
Under 18 years of age.....	6	5
Totals.....	448	73

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$61,576
Clerks, stenographers, salesmen, etc.....	31,072
Wage earners (including piece workers).....	319,412
Total.....	\$412,060

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					1
\$4 to \$4.99.....	1				1
\$5 to \$5.99.....			1		17
\$6 to \$6.99.....	2	9	4	2	37
\$7 to \$7.99.....	6	29	1	1	24
\$8 to \$8.99.....	15	8		1	48
\$9 to \$9.99.....	36	11		1	36
\$10 to \$10.99.....	31	5			45
\$11 to \$11.99.....	42	3			21
\$12 to \$12.99.....	19	2			27
\$13 to \$13.99.....	27				55
\$14 to \$14.99.....	54	1			139
\$15 to \$17.99.....	139				31
\$18 to \$20.99.....	31				17
\$21 to \$24.99.....	17				22
\$25 and over.....	22				
Totals.....	442	68	6	5	521

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	438	81	519
February.....	405	80	485
March.....	424	78	502
April.....	436	71	507
May.....	423	72	495
June.....	422	73	495
July.....	510	86	596
August.....	437	88	525
September.....	438	81	519
October.....	445	77	522
November.....	440	76	516
December.....	455	72	527

**TABLE No. 15. BRASS, BRONZE AND COPPER PRODUCTS.**  
(20 establishments reporting.)  
The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	35	5
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	24	4
Under 18 years of age.....	1	
<b>Totals .....</b>	<b>60</b>	<b>9</b>
<b>Wage earners:</b>		
18 years of age and over.....	267	
Under 18 years of age.....		
<b>Totals .....</b>	<b>267</b>	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$81,005
Clerks, stenographers, salesmen, etc.....	24,132
Wage earners (including piece workers).....	233,072
<b>Total .....</b>	<b>\$338,209</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1				1
\$6 to \$6.99.....	2				2
\$7 to \$7.99.....	5				5
\$8 to \$8.99.....					
\$9 to \$9.99.....	9				9
\$10 to \$10.99.....	4				4
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....	12				12
\$13 to \$13.99.....	11				11
\$14 to \$14.99.....	5				5
\$15 to \$17.99.....	37				37
\$18 to \$20.99.....	37				37
\$21 to \$24.99.....	89				89
\$25 and over.....	54				54
<b>Totals .....</b>	<b>267</b>				<b>267</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	243		243
February .....	253		253
March .....	248		248
April .....	258		258
May .....	253		253
June .....	250		250
July .....	254		254
August .....	250		250
September .....	261		261
October .....	261		261
November .....	285		285
December .....	278		278

TABLE No. 16. BRICK AND TILE.

(25 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	39	3
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	40	8
Under 18 years of age.....		
Totals .....	79	11
Wage earners:		
18 years of age and over.....	762	
Under 18 years of age.....	10	
Totals .....	772	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$90,003
Clerks, stenographers, salesmen, etc.....	50,070
Wage earners (including piece workers).....	460,156
Totals .....	\$590,229

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	6				6
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	2		3		5
\$7 to \$7.99 .....	5		7		12
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	20				20
\$10 to \$10.99 .....	67				67
\$11 to \$11.99 .....	3				3
\$12 to \$12.99 .....	141				141
\$13 to \$13.99 .....	165				165
\$14 to \$14.99 .....	8				8
\$15 to \$17.99 .....	231				231
\$18 to \$20.99 .....	62				62
\$21 to \$24.99 .....	37				37
\$25 and over .....	15				15
Totals .....	762		10		772

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	596		596
February .....	642		642
March .....	717		717
April .....	791		791
May .....	801		801
June .....	945		945
July .....	909		909
August .....	905		905
September .....	747		747
October .....	718		718
November .....	683		683
December .....	643		643

TABLE No. 17. BROOMS AND BRUSHES.

(8 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	5	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	2	
Under 18 years of age.....		
Totals .....	7	
Wage earners:		
18 years of age and over.....	73	
Under 18 years of age.....		
Totals .....	73	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$5,665
Clerks, stenographers, salesmen, etc.....	1,660
Wage earners (including piece workers).....	41,417
Total .....	\$48,742

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....	11				11
\$8 to \$8.99.....					
\$9 to \$9.99.....	4				4
\$10 to \$10.99.....	1				1
\$11 to \$11.99.....					
\$12 to \$12.99.....	14				14
\$13 to \$13.99.....	5				5
\$14 to \$14.99.....	2				2
\$15 to \$17.99.....	15				15
\$18 to \$20.99.....	12				12
\$21 to \$24.99.....	5				5
25 and over.....	4				4
Totals .....	73				73

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	73		73
February .....	73		73
March .....	73		73
April .....	73		73
May .....	73		73
June .....	73		73
July .....	73		73
August .....	73		73
September .....	73		73
October .....	73		73
November .....	73		73
December .....	73		73



**TABLE No. 18. BUTTER, CHEESE, AND CONDENSED MILK.**  
(32 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	63	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	93	56
Under 18 years of age.....	1	
<b>Totals .....</b>	<b>157</b>	<b>58</b>
<b>Wage earners:</b>		
18 years of age and over.....	570	40
Under 18 years of age.....		2
<b>Totals .....</b>	<b>570</b>	<b>42</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$118,245
Clerks, stenographers, salesmen, etc.....		144,955
Wage earners (including piece workers).....		566,026
<b>Total .....</b>		<b>\$829,226</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....	1				1
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....	3				3
\$8 to \$8.99.....		13		2	15
\$9 to \$9.99.....	8	7			15
\$10 to \$10.99.....	4	1			5
\$11 to \$11.99.....	2	9			11
\$12 to \$12.99.....	14	3			17
\$13 to \$13.99.....	7	3			10
\$14 to \$14.99.....	30	2			32
\$15 to \$17.99.....	140	1			141
\$18 to \$20.99.....	135	1			136
\$21 to \$24.99.....	126				126
\$25 and over.....	100				100
<b>Totals .....</b>	<b>570</b>	<b>40</b>		<b>2</b>	<b>612</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	512	39	551
February .....	517	40	557
March .....	556	41	597
April .....	587	43	630
May .....	599	48	647
June .....	604	57	661
July .....	599	62	661
August .....	597	60	657
September .....	576	55	631
October .....	552	50	602
November .....	527	46	573
December .....	527	46	573

**TABLE No. 19. CANS, TIN.**  
(9 establishments reporting.)  
**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers-----	16	-----
Clerks, stenographers, salesmen, etc.:-----		
18 years of age and over-----	26	15
Under 18 years of age-----	-----	-----
Totals -----	42	15
Wage earners:		
18 years of age and over-----	1,068	108
Under 18 years of age-----	10	4
Totals -----	1,078	112

**Salary and wage payments—annual:**

Officers, superintendents and managers-----	\$37,497
Clerks, stenographers, salesmen, etc.-----	37,064
Wage earners (including piece workers)-----	711,820
<b>Total -----</b>	<b>\$786,381</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4-----					
\$4 to \$4.99-----					
\$5 to \$5.99-----	2	1			3
\$6 to \$6.99-----	6	13	3	2	24
\$7 to \$7.99-----	40	20	5	2	67
\$8 to \$8.99-----	25	14	1		40
\$9 to \$9.99-----	100	19	1		120
\$10 to \$10.99-----	149	20			169
\$11 to \$11.99-----	44	7			51
\$12 to \$12.99-----	183	5			188
\$13 to \$13.99-----	96	3			99
\$14 to \$14.99-----	48	3			51
\$15 to \$17.99-----	188	3			191
\$18 to \$20.99-----	68				68
\$21 to \$24.99-----	81				81
\$25 and over-----	38				38
Totals -----	1,068	108	10	4	1,190

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January-----	740	118	858
February-----	915	116	1,031
March-----	993	117	1,110
April-----	1,067	109	1,176
May-----	1,118	119	1,237
June-----	1,115	119	1,234
July-----	1,075	111	1,186
August-----	1,161	113	1,274
September-----	1,165	113	1,278
October-----	935	105	1,040
November-----	851	99	950
December-----	832	99	931

TABLE No. 20. CANNING AND PACKING OF FISH.

(15 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	36	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	20	4
Under 18 years of age.....		
Totals.....	56	4
Wage earners:		
18 years of age and over.....	528	614
Under 18 years of age.....	17	2
Totals.....	545	616

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$71,486
Clerks, stenographers, salesmen, etc.....	24,426
Wage earners (including piece workers).....	214,455
Total.....	\$310,367

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	2	60	7		69
\$4 to \$4.99.....		34			34
\$5 to \$5.99.....		27			27
\$6 to \$6.99.....	2	75	3		80
\$7 to \$7.99.....	30	22	5		57
\$8 to \$8.99.....	2	57	2		61
\$9 to \$9.99.....	44	144		2	190
\$10 to \$10.99.....	39	121			160
\$11 to \$11.99.....	39	13			52
\$12 to \$12.99.....	43	18			61
\$13 to \$13.99.....	5	10			15
\$14 to \$14.99.....	55	13			68
\$15 to \$17.99.....	181	12			193
\$18 to \$20.99.....	30	8			38
\$21 to \$24.99.....	36				36
\$25 and over.....	20				20
Totals.....	528	614	17	2	1,161

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	86	3	89
February.....	58	3	61
March.....	71	3	74
April.....	84	18	102
May.....	170	69	239
June.....	371	584	955
July.....	355	727	1,082
August.....	618	755	1,373
September.....	690	650	1,340
October.....	529	319	848
November.....	435	238	673
December.....	416	111	527

TABLE No. 21. CANNING AND PRESERVING OF FRUITS AND VEGETABLES.

(84 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	168	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	428	104
Under 18 years of age.....		
Totals .....	596	106
Wage earners:		
18 years of age and over.....	5,046	7,829
Under 18 years of age.....	207	494
Totals .....	5,253	8,323
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$396,936
Clerks, stenographers, salesmen, etc.....		615,128
Wage earners (including piece workers).....		2,587,984
Total .....		\$3,600,048

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	26	195	21	42	284
\$4 to \$4.99 .....	13	142	11	20	186
\$5 to \$5.99 .....	9	282	30	46	367
\$6 to \$6.99 .....	22	679	20	46	767
\$7 to \$7.99 .....	44	894	47	72	1,057
\$8 to \$8.99 .....	90	705	25	197	917
\$9 to \$9.99 .....	196	999	24	44	1,263
\$10 to \$10.99 .....	388	1,000	10	26	1,424
\$11 to \$11.99 .....	314	522	10	40	886
\$12 to \$12.99 .....	917	616	8	30	1,571
\$13 to \$13.99 .....	638	437	1	13	1,089
\$14 to \$14.99 .....	403	289		5	697
\$15 to \$17.99 .....	1,152	751		9	1,912
\$18 to \$20.99 .....	465	210		2	677
\$21 to \$24.99 .....	222	64		2	288
\$25 and over.....	147	44			191
Totals .....	5,046	7,829	207	494	13,576

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	1,199	640	1,839
February .....	1,182	576	1,758
March .....	1,009	396	1,405
April .....	1,409	1,331	2,740
May .....	1,761	1,561	3,322
June .....	2,129	2,870	4,999
July .....	3,462	7,879	11,341
August .....	4,624	9,011	13,635
September .....	4,283	6,982	11,265
October .....	2,941	3,257	6,198
November .....	1,923	1,213	3,136
December .....	1,559	1,034	2,593

TABLE No. 22. CARBONATED BEVERAGES.

(17 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	20	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	16	4
Under 18 years of age.....	-----	-----
Totals .....	36	4
Wage earners:		
18 years of age and over.....	60	2
Under 18 years of age.....	2	-----
Totals .....	62	2

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$31,402
Clerks, stenographers, salesmen, etc.....	18,008
Wage earners (including piece workers).....	57,766
Total .....	\$107,176

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1	-----	-----	-----	1
\$7 to \$7.99 .....	-----	-----	1	-----	1
\$8 to \$8.99 .....	-----	-----	-----	-----	-----
\$9 to \$9.99 .....	2	1	-----	-----	3
\$10 to \$10.99 .....	2	-----	-----	-----	2
\$11 to \$11.99 .....	1	-----	1	-----	2
\$12 to \$12.99 .....	3	-----	-----	-----	3
\$13 to \$13.99 .....	-----	-----	-----	-----	-----
\$14 to \$14.99 .....	-----	-----	-----	-----	-----
\$15 to \$17.99 .....	25	-----	-----	-----	25
\$18 to \$20.99 .....	11	-----	-----	-----	11
\$21 to \$24.99 .....	9	1	-----	-----	10
\$25 and over.....	6	-----	-----	-----	6
Totals .....	60	2	2	-----	64

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	52	2	54
February .....	52	2	54
March .....	60	2	62
April .....	62	2	64
May .....	64	2	66
June .....	68	2	70
July .....	69	2	71
August .....	68	2	70
September .....	67	2	69
October .....	73	2	75
November .....	66	2	68
December .....	59	2	61

**TABLE No. 23. CARRIAGES, WAGONS AND MATERIALS.**  
(8 establishments reporting.)  
The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	9	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	5	3
Under 18 years of age.....		
<b>Totals</b> .....	14	3
<b>Wage earners:</b>		
18 years of age and over.....	83	
Under 18 years of age.....	4	
<b>Totals</b> .....	87	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$12,326
Clerks, stenographers, salesmen, etc.....		4,357
Wage earners (including piece workers).....		67,651
<b>Total</b> .....		\$84,334

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....			1		1
\$7 to \$7.99 .....	1				1
\$8 to \$8.99 .....	1				1
\$9 to \$9.99 .....	1		1		2
\$10 to \$10.99 .....	2		1		3
\$11 to \$11.99 .....	1		1		2
\$12 to \$12.99 .....	7				7
\$13 to \$13.99 .....	7				7
\$14 to \$14.99 .....	6				6
\$15 to \$17.99 .....	12				12
\$18 to \$20.99 .....	18				18
\$21 to \$24.99 .....	21				21
\$25 and over .....	6				6
<b>Totals</b> .....	83		4		87

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	75		75
February .....	78		78
March .....	83		83
April .....	92		92
May .....	86		86
June .....	86		86
July .....	88		88
August .....	88		88
September .....	88		88
October .....	103		103
November .....	95		95
December .....	90		90

**TABLE No. 24. CASKETS AND UNDERTAKERS' SUPPLIES.**

(5 establishments reporting.)

**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	13	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	18	7
Under 18 years of age.....		
Totals .....	31	7
Wage earners:		
18 years of age and over.....	63	22
Under 18 years of age.....	1	1
Totals .....	64	23

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$27,530
Clerks, stenographers, salesmen, etc.....	29,878
Wage earners (including piece workers).....	62,975
Total .....	\$120,383

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....				1	1
\$6 to \$6.99 .....	1	1			2
\$7 to \$7.99 .....		2			2
\$8 to \$8.99 .....	1	4	1		6
\$9 to \$9.99 .....	1	5			6
\$10 to \$10.99 .....	3	1			4
\$11 to \$11.99 .....		1			1
\$12 to \$12.99 .....	4	1			5
\$13 to \$13.99 .....	3	1			4
\$14 to \$14.99 .....	4	1			5
\$15 to \$17.99 .....	11	2			13
\$18 to \$20.99 .....	12	1			13
\$21 to \$24.99 .....	17	1			18
\$25 and over .....	6	1			7
Totals .....	63	22	1	1	87

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	64	23	87
February .....	65	24	89
March .....	66	23	89
April .....	68	25	93
May .....	66	23	89
June .....	68	21	89
July .....	63	22	85
August .....	62	22	84
September .....	66	22	88
October .....	67	22	89
November .....	65	22	87
December .....	64	23	87

**TABLE No. 25. CEMENT.**  
(12 establishments reporting.)  
The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	51	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	270	19
Under 18 years of age.....		
<b>Totals</b> .....	321	20
<b>Wage earners:</b>		
18 years of age and over.....	2,030	
Under 18 years of age.....	1	
<b>Totals</b> .....	2,031	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$197,428
Clerks, stenographers, salesmen, etc.....	310,585
Wage earners (including piece workers).....	1,597,307
<b>Total</b> .....	\$2,105,320

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....			1		1
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....	12				12
\$9 to \$9.99.....	97				97
\$10 to \$10.99.....	63				63
\$11 to \$11.99.....	32				32
\$12 to \$12.99.....	267				267
\$13 to \$13.99.....	133				133
\$14 to \$14.99.....	270				270
\$15 to \$17.99.....	522				522
\$18 to \$20.99.....	268				268
\$21 to \$24.99.....	234				234
\$25 and over.....	132				132
<b>Totals</b> .....	2,030		1		2,031

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	1,735		1,735
<b>February</b> .....	1,549		1,549
<b>March</b> .....	1,815		1,815
<b>April</b> .....	2,111		2,111
<b>May</b> .....	2,111		2,111
<b>June</b> .....	2,275		2,275
<b>July</b> .....	2,031		2,031
<b>August</b> .....	1,916		1,916
<b>September</b> .....	2,069		2,069
<b>October</b> .....	2,115		2,115
<b>November</b> .....	2,198		2,198
<b>December</b> .....	1,942		1,942



**TABLE No. 26. CHEMICALS (including chemical fertilizers).**  
(21 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	35	-----
Clerks, stenographers, salesmen, etc.: 18 years of age and over.....	40	14
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	75	14
<b>Wage earners:</b>		
18 years of age and over.....	246	1
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	246	1

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$79,065
Clerks, stenographers, salesmen, etc.....	57,740
Wage earners (including piece workers).....	186,536
<b>Total</b> .....	\$323,341

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....	1				1
\$10 to \$10.99 .....	15				15
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	65				65
\$13 to \$13.99 .....	17				17
\$14 to \$14.99 .....	41				41
\$15 to \$17.99 .....	69				69
\$18 to \$20.99 .....	15				15
\$21 to \$24.99 .....	14				14
\$25 and over.....	9				9
<b>Totals</b> .....	246	1			247

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	247	1	248
February .....	264	1	265
March .....	271	1	272
April .....	247	1	248
May .....	223	1	224
June .....	217	1	218
July .....	209	1	210
August .....	223	1	224
September .....	233	1	234
October .....	237	1	238
November .....	251	1	252
December .....	245	1	246

**TABLE No. 27. CLOTHING, MEN'S.**  
(24 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	40	4
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	77	43
Under 18 years of age.....	1	
Totals .....	118	47
Wage earners:		
18 years of age and over.....	233	1,455
Under 18 years of age.....	12	31
Totals .....	245	1,486
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$115,656
Clerks, stenographers, salesmen, etc.....		135,610
Wage earners (including piece workers).....		781,155
Total .....		\$1,032,421

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		52	1		53
\$4 to \$4.99 .....		55		1	56
\$5 to \$5.99 .....		58		5	63
\$6 to \$6.99 .....	12	85	2	13	112
\$7 to \$7.99 .....	5	126	4	6	141
\$8 to \$8.99 .....	4	183	1	3	191
\$9 to \$9.99 .....	10	180	1	1	192
\$10 to \$10.99 .....	11	176	1	2	190
\$11 to \$11.99 .....	2	126	1		129
\$12 to \$12.99 .....	17	136	1		154
\$13 to \$13.99 .....	14	80			94
\$14 to \$14.99 .....	6	65			71
\$15 to \$17.99 .....	30	85			115
\$18 to \$20.99 .....	41	38			79
\$21 to \$24.99 .....	59	8			67
\$25 and over.....	22	2			24
Totals .....	233	1,455	12	31	1,731

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	202	1,192	1,394
February .....	218	1,278	1,496
March .....	216	1,272	1,488
April .....	221	1,314	1,535
May .....	220	1,384	1,604
June .....	218	1,484	1,702
July .....	232	1,504	1,736
August .....	234	1,452	1,686
September .....	232	1,451	1,683
October .....	238	1,483	1,721
November .....	243	1,487	1,730
December .....	244	1,503	1,747

TABLE No. 28. CLOTHING, WOMEN'S

(26 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	31	7
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	51	34
Under 18 years of age.....	6	7
Totals .....	88	48
Wage earners:		
18 years of age and over.....	115	452
Under 18 years of age.....	5	8
Totals .....	120	460

## Salary and wage payments—annual:

Officers, superintendents and managers.....

Clerks, stenographers, salesmen, etc.....

Wages earners (including piece workers).....

Total .....

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	3	30			33
\$4 to \$4.99.....	1	29			30
\$5 to \$5.99.....	2	13		1	16
\$6 to \$6.99.....	6	56	3	6	71
\$7 to \$7.99.....	10	48		1	59
\$8 to \$8.99.....	4	53	1		58
\$9 to \$9.99.....	2	59			61
\$10 to \$10.99.....	15	44	1		60
\$11 to \$11.99.....	2	17			19
\$12 to \$12.99.....	3	38			41
\$13 to \$13.99.....	2	9			11
\$14 to \$14.99.....	5	16			21
\$15 to \$17.99.....	7	28			35
\$18 to \$20.99.....	14	5			19
\$21 to \$24.99.....	11	3			14
\$25 and over.....	28	4			32
Totals .....	115	452	5	8	580

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	103	374	477
February .....	110	391	501
March .....	122	448	570
April .....	113	454	567
May .....	105	441	546
June .....	109	434	543
July .....	115	444	559
August .....	119	424	543
September .....	123	454	577
October .....	130	502	632
November .....	123	482	605
December .....	120	469	589

TABLE No. 29. COFFEE AND SPICE ROASTING AND GRINDING.

(22 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	53	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	299	121
Under 18 years of age.....		
Totals .....	352	122
Wage earners:		
18 years of age and over.....	192	126
Under 18 years of age.....	2	1
Totals .....	194	127

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$165,462
Clerks, stenographers, salesmen, etc.....	492,046
Wage earners (including piece workers).....	219,986
Total .....	\$877,494

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	1				1
\$4 to \$4.99.....					
\$5 to \$5.99.....	1	1			2
\$6 to \$6.99.....	4	16		1	21
\$7 to \$7.99.....		30	2		32
\$8 to \$8.99.....	3	17			20
\$9 to \$9.99.....	4	40			44
\$10 to \$10.99.....	15	9			24
\$11 to \$11.99.....	10	7			17
\$12 to \$12.99.....	9	2			11
\$13 to \$13.99.....	6				6
\$14 to \$14.99.....	12	1			13
\$15 to \$17.99.....	34	3			37
\$18 to \$20.99.....	40				40
\$21 to \$24.99.....	30				30
\$25 and over.....	23				23
Totals .....	192	126	2	1	321

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	197	118	315
February .....	194	118	312
March .....	199	127	326
April .....	193	126	319
May .....	193	124	317
June .....	196	131	327
July .....	201	138	339
August .....	202	131	333
September .....	194	126	320
October .....	202	134	336
November .....	201	132	333
December .....	189	124	313

**TABLE No. 30. CONFECTIONERY.**

(31 establishments reporting.)

**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	54	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	108	32
Under 18 years of age.....		
Totals .....	162	33
Wage earners:		
18 years of age and over.....	525	731
Under 18 years of age.....	2	8
Totals .....	527	739

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$126,397
Clerks, stenographers, salesmen, etc.....	132,709
Wage earners (including piece workers).....	613,704
<b>Total .....</b>	<b>\$872,810</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		6			6
\$4 to \$4.99 .....		10			10
\$5 to \$5.99 .....	13	65		5	83
\$6 to \$6.99 .....	35	189			224
\$7 to \$7.99 .....	27	118	1	2	148
\$8 to \$8.99 .....	18	99			117
\$9 to \$9.99 .....	24	97	1	1	123
\$10 to \$10.99 .....	43	45			88
\$11 to \$11.99 .....	29	26			55
\$12 to \$12.99 .....	32	48			80
\$13 to \$13.99 .....	26	15			41
\$14 to \$14.99 .....	46	3			49
\$15 to \$17.99 .....	105	9			114
\$18 to \$20.99 .....	50	1			51
\$21 to \$24.99 .....	38				38
\$25 and over.....	39				39
Totals .....	525	731	2	8	1,266

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	459	564	1,023
February .....	474	572	1,046
March .....	484	591	1,075
April .....	500	584	1,084
May .....	489	574	1,063
June .....	494	575	1,069
July .....	502	562	1,064
August .....	513	569	1,082
September .....	505	627	1,132
October .....	528	733	1,261
November .....	543	730	1,273
December .....	519	894	1,413

**TABLE No. 31. COOPERAGE AND WOODEN GOODS, NOT ELSEWHERE SPECIFIED.**

(14 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	25	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	14	7
Under 18 years of age.....	-----	-----
Totals .....	39	7
Wage earners:		
18 years of age and over.....	238	56
Under 18 years of age.....	5	10
Totals .....	243	66

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$44,710
Clerks, stenographers, salesmen, etc.....	26,440
Wage earners (including piece workers).....	176,340
Total .....	\$247,490

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					-----
\$4 to \$4.99.....		2		10	12
\$5 to \$5.99.....		7			7
\$6 to \$6.99.....	1	5			6
\$7 to \$7.99.....		14			14
\$8 to \$8.99.....	4	10			14
\$9 to \$9.99.....	3	6	1		10
\$10 to \$10.99.....	10		2		12
\$11 to \$11.99.....	2	5			7
\$12 to \$12.99.....	25	3	2		30
\$13 to \$13.99.....	50				52
\$14 to \$14.99.....	2	2			4
\$15 to \$17.99.....	42				42
\$18 to \$20.99.....	25				25
\$21 to \$24.99.....	64				64
\$25 and over.....	10				10
Totals .....	238	56	5	10	309

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	195	54	249
February .....	202	82	284
March .....	242	92	334
April .....	186	110	296
May .....	188	111	299
June .....	181	110	291
July .....	201	129	330
August .....	195	108	303
September .....	235	94	329
October .....	230	92	322
November .....	237	82	319
December .....	243	66	309

**TABLE No. 32. ELECTRICAL MACHINERY, APPARATUS AND SUPPLIES.**  
(21 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	34	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	53	81
Under 18 years of age.....	1	-----
<b>Totals</b> .....	<b>88</b>	<b>82</b>
<b>Wage earners:</b>		
18 years of age and over.....	661	191
Under 18 years of age.....	11	-----
<b>Totals</b> .....	<b>672</b>	<b>191</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$83,745
Clerks, stenographers, salesmen, etc.....	141,729
Wage earners (including piece workers).....	481,049
<b>Total</b> .....	<b>\$706,523</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....			1	-----	1
\$4 to \$4.99.....			2	-----	2
\$5 to \$5.99.....		1	5	-----	6
\$6 to \$6.99.....	1	64	2	-----	67
\$7 to \$7.99.....	6	55	1	-----	62
\$8 to \$8.99.....	36	54	-----	-----	90
\$9 to \$9.99.....	90	9	-----	-----	99
\$10 to \$10.99.....	32	5	-----	-----	37
\$11 to \$11.99.....	97	1	-----	-----	98
\$12 to \$12.99.....	75	1	-----	-----	76
\$13 to \$13.99.....	42	-----	-----	-----	42
\$14 to \$14.99.....	53	1	-----	-----	54
\$15 to \$17.99.....	89	-----	-----	-----	89
\$18 to \$20.99.....	58	-----	-----	-----	58
\$21 to \$24.99.....	45	-----	-----	-----	45
\$25 and over.....	37	-----	-----	-----	37
<b>Totals</b> .....	<b>661</b>	<b>191</b>	<b>11</b>	-----	<b>863</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	670	148	818
February.....	664	144	808
March.....	708	158	866
April.....	634	159	793
May.....	613	138	751
June.....	600	137	737
July.....	611	134	745
August.....	604	147	751
September.....	605	197	802
October.....	652	218	870
November.....	709	204	913
December.....	668	191	859

TABLE No. 33. ELECTROPLATING.

(4 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	7	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	1	-----
Under 18 years of age.....		-----
Totals.....	8	-----
Wage earners:		
18 years of age and over.....	18	-----
Under 18 years of age.....	1	-----
Totals.....	19	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$7,280
Clerks, stenographers, salesmen, etc.....	780
Wage earners (including piece workers).....	15,369
Total.....	\$23,429

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....			1		1
\$7 to \$7.99.....	2				2
\$8 to \$8.99.....	1				1
\$9 to \$9.99.....	2				2
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	1				1
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	3				3
\$18 to \$20.99.....	3				3
\$21 to \$24.99.....	6				6
\$25 and over.....					
Totals.....	18		1		19

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	20	-----	20
February.....	18	-----	18
March.....	20	-----	20
April.....	19	-----	19
May.....	17	-----	17
June.....	17	-----	17
July.....	17	-----	17
August.....	18	-----	18
September.....	20	-----	20
October.....	19	-----	19
November.....	19	-----	19
December.....	20	-----	20



**TABLE No. 34. ENGINES AND PUMPS—GAS, GASOLINE, ETC.**

(21 establishments reporting.)

**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	65	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	96	34
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	161	34
<b>Wage earners:</b>		
18 years of age and over.....	803	-----
Under 18 years of age.....	41	-----
<b>Totals</b> .....	844	-----

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$158,430
Clerks, stenographers, salesmen, etc.....	190,050
Wage earners (including piece workers).....	716,493
<b>Total</b> .....	\$1,064,973

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....			2		2
\$4 to \$4.99.....	4		10		14
\$5 to \$5.99.....	8		3		11
\$6 to \$6.99.....	7		11		18
\$7 to \$7.99.....	14		7		21
\$8 to \$8.99.....	2		2		4
\$9 to \$9.99.....	10		2		12
\$10 to \$10.99.....	16		3		19
\$11 to \$11.99.....	8				8
\$12 to \$12.99.....	47				47
\$13 to \$13.99.....	43				43
\$14 to \$14.99.....	15				15
\$15 to \$17.99.....	134		1		135
\$18 to \$20.99.....	100				100
\$21 to \$24.99.....	316				316
\$25 and over.....	79				79
<b>Totals</b> .....	803		41		844

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	794		794
February.....	783		783
March.....	847		847
April.....	882		882
May.....	848		848
June.....	846		846
July.....	751		751
August.....	775		775
September.....	765		765
October.....	732		732
November.....	757		757
December.....	829		829

TABLE No. 35. EXPLOSIVES.

(5 establishments reporting.)

The State.

	Male	Female
Number of employees.		
<b>Salaried:</b>		
Officers, superintendents and managers.....	19	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	110	21
Under 18 years of age.....		
<b>Totals</b> .....	129	21
<b>Wage earners:</b>		
18 years of age and over.....	748	57
Under 18 years of age.....	1	1
<b>Totals</b> .....	749	58

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$127,418
Clerks, stenographers, salesmen, etc.....	85,000
Wage earners (including piece workers).....	576,566
<b>Total</b> .....	\$788,984

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1				1
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1				1
\$6 to \$6.99 .....	24				24
\$7 to \$7.99 .....	1				1
\$8 to \$8.99 .....	7	35	1		43
\$9 to \$9.99 .....	5				5
\$10 to \$10.99 .....	78	5			83
\$11 to \$11.99 .....	62	1			63
\$12 to \$12.99 .....	31	1			32
\$13 to \$13.99 .....	21	5			26
\$14 to \$14.99 .....	9	2		1	12
\$15 to \$17.99 .....	200	6			206
\$18 to \$20.99 .....	143	1			144
\$21 to \$24.99 .....	97	1			98
\$25 and over .....	68				68
<b>Totals</b> .....	748	57	1	1	807

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	521	33	554
February .....	515	31	546
March .....	532	45	577
April .....	604	42	646
May .....	610	43	653
June .....	671	49	720
July .....	749	58	807
August .....	747	55	802
September .....	765	58	823
October .....	844	60	904
November .....	861	62	923
December .....	932	62	994

TABLE No. 36. FELT AND FELT PRODUCTS.

(3 establishments reporting.)

The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	4	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	7	10
Under 18 years of age.....		
<b>Totals</b> .....	11	11
<b>Wage earners:</b>		
18 years of age and over.....	128	30
Under 18 years of age.....	2	2
<b>Totals</b> .....	130	32
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$18,200
Clerks, stenographers, salesmen, etc.....		22,724
Wage earners (including piece workers).....		106,720
<b>Total</b> .....		\$147,644

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1	2			3
\$4 to \$4.99.....		5			5
\$5 to \$5.99.....	4				4
\$6 to \$6.99.....	2				2
\$7 to \$7.99.....	2	6	1	1	10
\$8 to \$8.99.....	4	6	1		11
\$9 to \$9.99.....	8	3			11
\$10 to \$10.99.....	8	1			9
\$11 to \$11.99.....	6	1		1	8
\$12 to \$12.99.....	16	2			18
\$13 to \$13.99.....	10				10
\$14 to \$14.99.....	8	1			9
\$15 to \$17.99.....	19	1			20
\$18 to \$20.99.....	20	1			21
\$21 to \$24.99.....	8	1			9
\$25 and over.....	12				12
<b>Totals</b> .....	128	30	2	2	162

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	129	8	137
February .....	164	32	196
March .....	167	39	206
April .....	147	53	200
May .....	160	60	220
June .....	168	50	218
July .....	147	40	187
August .....	159	42	201
September .....	144	44	188
October .....	158	42	200
November .....	140	41	181
December .....	130	42	172

TABLE No 37. FLOUR MILL AND GRIST MILL PRODUCTS.

(23 establishments reporting.)

The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	53	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	148	42
Under 18 years of age.....	41	10
<b>Totals .....</b>	<b>242</b>	<b>53</b>
<b>Wage earners:</b>		
18 years of age and over.....	730	100
Under 18 years of age.....	12	-----
<b>Totals .....</b>	<b>742</b>	<b>100</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$152,808
Clerks, stenographers, salesmen, etc.....	228,727
Wage earners (including piece workers).....	643,174
<b>Total .....</b>	<b>\$1,024,709</b>

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	10	-----	-----	-----	10
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5 to \$5.99 .....	-----	-----	-----	-----	-----
\$6 to \$6.99 .....	1	6	2	-----	9
\$7 to \$7.99 .....	-----	11	4	-----	15
\$8 to \$8.99 .....	-----	21	3	-----	24
\$9 to \$9.99 .....	1	35	3	-----	39
\$10 to \$10.99 .....	5	12	-----	-----	17
\$11 to \$11.99 .....	-----	2	-----	-----	2
\$12 to \$12.99 .....	34	8	-----	-----	42
\$13 to \$13.99 .....	36	3	-----	-----	39
\$14 to \$14.99 .....	10	-----	-----	-----	10
\$15 to \$17.99 .....	292	2	-----	-----	294
\$18 to \$20.99 .....	216	-----	-----	-----	216
\$21 to \$24.99 .....	98	-----	-----	-----	98
\$25 and over.....	27	-----	-----	-----	27
<b>Totals .....</b>	<b>730</b>	<b>100</b>	<b>12</b>	-----	<b>842</b>

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	748	98	846
February .....	716	97	813
March .....	694	101	795
April .....	684	106	790
May .....	680	104	784
June .....	767	103	870
July .....	765	99	864
August .....	749	101	850
September .....	832	91	923
October .....	720	92	812
November .....	728	92	820
December .....	793	97	890

TABLE No. 38. FOOD PREPARATIONS.

(27 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	36	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	24	4
Under 18 years of age.....	-----	-----
Totals .....	60	4
Wage earners:		
18 years of age and over.....	142	48
Under 18 years of age.....	3	-----
Totals .....	145	48

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$58,019
Clerks, stenographers, salesmen, etc.....	26,142
Wage earners (including piece workers).....	105,602
Total .....	\$189,763

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1	1			2
\$4 to \$4.99 .....			1		1
\$5 to \$5.99 .....		1			1
\$6 to \$6.99 .....	2	17	1		20
\$7 to \$7.99 .....	1	5			6
\$8 to \$8.99 .....		16			16
\$9 to \$9.99 .....	2	6			8
\$10 to \$10.99 .....		5	1		6
\$11 to \$11.99 .....	7				7
\$12 to \$12.99 .....	21	1			22
\$13 to \$13.99 .....	21				21
\$14 to \$14.99 .....	33	1			34
\$15 to \$17.99 .....	28				28
\$18 to \$20.99 .....	10				10
\$21 to \$24.99 .....	6				6
\$25 and over .....	5				5
Totals .....	142	48	3		193

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	108	49	157
February .....	110	50	160
March .....	108	42	150
April .....	111	41	152
May .....	111	42	153
June .....	112	43	155
July .....	117	39	156
August .....	123	38	161
September .....	144	45	189
October .....	156	44	200
November .....	152	46	198
December .....	117	42	159

TABLE No. 39. FOUNDRY AND MACHINE SHOP PRODUCTS.

(119 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	227	3
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	341	94
Under 18 years of age.....	7	3
Totals .....	575	100
Wage earners:		
18 years of age and over.....	2,627	
Under 18 years of age.....	25	
Totals .....	2,652	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$536,842
Clerks, stenographers, salesmen, etc.....	469,016
Wage earners (including piece workers).....	2,249,674
Total .....	\$3,255,532

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	33		3		36
\$4 to \$4.99.....	16		1		17
\$5 to \$5.99.....	19		4		23
\$6 to \$6.99.....	37		11		48
\$7 to \$7.99.....	27				27
\$8 to \$8.99.....	17		2		19
\$9 to \$9.99.....	47		4		51
\$10 to \$10.99.....	42				42
\$11 to \$11.99.....	18				18
\$12 to \$12.99.....	81				81
\$13 to \$13.99.....	233				233
\$14 to \$14.99.....	82				82
\$15 to \$17.99.....	422				422
\$18 to \$20.99.....	399				399
\$21 to \$24.99.....	813				813
\$25 and over.....	341				341
Totals .....	2,627		25		2,652

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	2,445		2,445
February .....	2,560		2,560
March .....	2,640		2,640
April .....	2,733		2,733
May .....	2,675		2,675
June .....	2,518		2,518
July .....	2,474		2,474
August .....	2,456		2,456
September .....	2,513		2,513
October .....	2,511		2,511
November .....	2,568		2,568
December .....	2,697		2,697

**TABLE No 40. FURNITURE, BANK AND STORE FIXTURES, ETC.**

(43 establishments reporting.)

**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	53	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	51	18
Under 18 years of age.....	2	
<b>Totals</b> .....	<b>106</b>	<b>19</b>
<b>Wage earners:</b>		
18 years of age and over.....	740	1
Under 18 years of age.....	20	
<b>Totals</b> .....	<b>760</b>	<b>1</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$102,918
Clerks, stenographers, salesmen, etc.....		74,133
Wage earners (including piece workers).....		654,673
<b>Total</b> .....		<b>\$831,724</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	15		13		28
\$7 to \$7.99.....	36		5		41
\$8 to \$8.99.....	12	1	2		15
\$9 to \$9.99.....	13				13
\$10 to \$10.99.....	16				16
\$11 to \$11.99.....	3				3
\$12 to \$12.99.....	45				45
\$13 to \$13.99.....	28				28
\$14 to \$14.99.....	19				19
\$15 to \$17.99.....	105				105
\$18 to \$20.99.....	142				142
\$21 to \$24.99.....	164				164
\$25 and over.....	142				142
<b>Totals</b> .....	<b>740</b>	<b>1</b>	<b>20</b>		<b>761</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	640	1	641
February.....	773	1	774
March.....	685	1	686
April.....	706	1	707
May.....	704	1	705
June.....	725	1	726
July.....	772	1	773
August.....	816	1	817
September.....	700	1	701
October.....	684	1	685
November.....	747	1	748
December.....	750	1	751

TABLE No. 41. GAS (in containers).

(7 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	12	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	19	14
Under 18 years of age.....		
Totals .....	31	14
Wage earners:		
18 years of age and over.....	51	
Under 18 years of age.....		
Totals .....	51	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$22,763
Clerks, stenographers, salesmen, etc.....	29,783
Wage earners (including piece workers).....	42,224
Total .....	\$94,770

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	2				2
\$13 to \$13.99.....	8				8
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	23				23
\$18 to \$20.99.....	12				12
\$21 to \$24.99.....	2				2
\$25 and over.....	3				3
Totals .....	51				51

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	52		52
February .....	47		47
March .....	48		48
April .....	47		47
May .....	46		46
June .....	49		49
July .....	50		50
August .....	52		52
September .....	52		52
October .....	51		51
November .....	52		52
December .....	51		51



TABLE No. 42. GAS AND ELECTRIC FIXTURES.

(14 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	34	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	43	12
Under 18 years of age.....	1	
Totals .....	78	12
Wage earners:		
18 years of age and over.....	138	1
Under 18 years of age.....	3	
Totals .....	141	1

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$72,661
Clerks, stenographers, salesmen, etc.....	61,045
Wage earners (including piece workers).....	111,804
Total .....	\$245,510

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	5		1		6
\$7 to \$7.99 .....	4				4
\$8 to \$8.99 .....	6		1		7
\$9 to \$9.99 .....	6	1			7
\$10 to \$10.99 .....	3		1		4
\$11 to \$11.99 .....	3				3
\$12 to \$12.99 .....	7				7
\$13 to \$13.99 .....	2				2
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	19				19
\$18 to \$20.99 .....	23				23
\$21 to \$24.99 .....	48				48
\$25 and over .....	11				11
Totals .....	138	1	3		142

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	157	1	158
February .....	154	1	155
March .....	141	1	142
April .....	130		130
May .....	119		119
June .....	118		118
July .....	122		122
August .....	115		115
September .....	124	1	125
October .....	135	1	136
November .....	145	1	146
December .....	159	1	160

**TABLE No. 43. GLASS, CUTTING AND ORNAMENTING (including mirrors).**  
(16 establishments reporting.)  
**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	26	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	57	18
Under 18 years of age.....		
Totals .....	83	18
Wage earners:		
18 years of age and over.....	981	25
Under 18 years of age.....	10	1
Totals .....	991	26

Salary and wage payments—annual:	
Officers, superintendents and managers.....	
Clerks, stenographers, salesmen, etc.....	
Wage earners (including piece workers).....	
Total .....	

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....	1		1		2
\$5 to \$5.99.....					
\$6 to \$6.99.....	3	2		1	6
\$7 to \$7.99.....		5	2		7
\$8 to \$8.99.....	2				2
\$9 to \$9.99.....		9			9
\$10 to \$10.99.....	15		7		22
\$11 to \$11.99.....	94	4			98
\$12 to \$12.99.....	113	4			117
\$13 to \$13.99.....	90				90
\$14 to \$14.99.....	45				45
\$15 to \$17.99.....	90				90
\$18 to \$20.99.....	68	1			69
\$21 to \$24.99.....	111				111
\$25 and over.....	349				349
Totals .....	981	25	10	1	1,017

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	664	31	695
February .....	904	34	938
March .....	969	25	994
April .....	794	21	815
May .....	1,120	25	1,145
June .....	1,178	32	1,210
July .....	793	23	816
August .....	347	17	364
September .....	849	32	881
October .....	1,030	35	1,065
November .....	1,014	33	1,047
December .....	918	29	947

TABLE No. 44. GLOVES, LEATHER.

(11 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	12	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	11	12
Under 18 years of age.....	2	1
Totals .....	25	13
Wage earners:		
18 years of age and over.....	71	101
Under 18 years of age.....	5	6
Totals .....	76	107

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$23,826
Clerks, stenographers, salesmen, etc.....	23,342
Wage earners (including piece workers).....	101,613
Total .....	\$148,771

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		1			1
\$4 to \$4.99.....		1		1	2
\$5 to \$5.99.....	4	6	1	2	13
\$6 to \$6.99.....	1	5	1	2	9
\$7 to \$7.99.....	1	3	1		5
\$8 to \$8.99.....	3	17		1	21
\$9 to \$9.99.....	1	17			18
\$10 to \$10.99.....	2	17	2		21
\$11 to \$11.99.....	2	5			7
\$12 to \$12.99.....	7	10			17
\$13 to \$13.99.....	9	11			20
\$14 to \$14.99.....	4	2			6
\$15 to \$17.99.....	11	5			16
\$18 to \$20.99.....	19	1			20
\$21 to \$24.99.....	3				3
\$25 and over.....	4				4
Totals .....	71	101	5		183

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	75	104	179
February .....	74	104	178
March .....	75	104	179
April .....	75	102	177
May .....	73	104	177
June .....	74	104	178
July .....	73	102	175
August .....	73	107	180
September .....	74	105	179
October .....	75	105	180
November .....	74	106	180
December .....	76	107	183

**TABLE No. 45. GLUE AND TALLOW.**  
(7 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	15	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	9	3
Under 18 years of age.....		
Totals .....	24	3
Wage earners:		
18 years of age and over.....	135	2
Under 18 years of age.....		
Totals .....	135	2

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$28,260
Clerks, stenographers, salesmen, etc.....	20,868
Wage earners (including piece workers).....	116,201
Total .....	\$165,329

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....		1			1
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	2				2
\$10 to \$10.99 .....	11	1			12
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	5				5
\$13 to \$13.99 .....	16				16
\$14 to \$14.99 .....	30				30
\$15 to \$17.99 .....	36				36
\$18 to \$20.99 .....	8				8
\$21 to \$24.99 .....	14				14
\$25 and over.....	12				12
Totals .....	135	2			137

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	116	1	117
February .....	125	1	126
March .....	129	2	131
April .....	131	2	133
May .....	124	2	126
June .....	117	2	119
July .....	122	1	123
August .....	126	1	127
September .....	144	1	145
October .....	159	1	160
November .....	147	2	149
December .....	147	2	149

TABLE No. 46. HATS AND CAPS, MEN'S.

(6 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	9	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	7	5
Under 18 years of age.....		
Totals .....	16	7
Wage earners:		
18 years of age and over.....	41	34
Under 18 years of age.....	2	1
Totals .....	43	35
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$20,505
Clerks, stenographers, salesmen, etc.....		12,809
Wage earners (including piece workers).....		46,530
Total .....		\$79,844

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		1			1
\$4 to \$4.99 .....		1			1
\$5 to \$5.99 .....					
\$6 to \$6.99 .....		2	1		3
\$7 to \$7.99 .....	2	1	1	1	5
\$8 to \$8.99 .....		5			5
\$9 to \$9.99 .....	1	12			13
\$10 to \$10.99 .....	2	4			6
\$11 to \$11.99 .....		1			1
\$12 to \$12.99 .....		3			3
\$13 to \$13.99 .....					
\$14 to \$14.99 .....		1			1
\$15 to \$17.99 .....	5	3			8
\$18 to \$20.99 .....	4				4
\$21 to \$24.99 .....	18				18
\$25 and over .....	9				9
Totals .....	41	34	2	1	78

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	37	28	65
February .....	41	33	74
March .....	41	39	80
April .....	38	34	72
May .....	37	32	69
June .....	36	30	66
July .....	37	31	68
August .....	40	31	71
September .....	40	38	78
October .....	47	35	82
November .....	45	36	81
December .....	46	34	80

TABLE No. 47. ICE, MANUFACTURED.

(47 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	74	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	57	15
Under 18 years of age.....		
Totals .....	131	15
Wage earners:		
18 years of age and over.....	698	
Under 18 years of age.....		
Totals .....	698	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$161,284
Clerks, stenographers, salesmen, etc.....	83,736
Wage earners (including piece workers).....	666,112
Total .....	\$911,132

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1				1
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....					
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	13				13
\$13 to \$13.99 .....	6				6
\$14 to \$14.99 .....	11				11
\$15 to \$17.99 .....	232				232
\$18 to \$20.99 .....	167				167
\$21 to \$24.99 .....	156				156
\$25 and over.....	111				111
Totals .....	698				698

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	584		584
February .....	596		596
March .....	656		656
April .....	742		742
May .....	742		742
June .....	814		814
July .....	859		859
August .....	906		906
September .....	859		859
October .....	732		732
November .....	642		642
December .....	590		590

**TABLE No. 48. IRON AND STEEL FORGINGS, BOLTS AND NUTS.**

(7 establishments reporting.)

**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers .....	17	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over .....	27	7
Under 18 years of age .....		
Totals .....	44	7
Wage earners:		
18 years of age and over .....	537	
Under 18 years of age .....	10	
Totals .....	547	

**Salary and wage payments—annual:**

Officers, superintendents and managers .....	\$45,900
Clerks, stenographers, salesmen, etc. ....	39,308
Wage earners (including piece workers) .....	470,234
<b>Total .....</b>	<b>\$555,442</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....			8		8
\$7 to \$7.99 .....	6				6
\$8 to \$8.99 .....	6				6
\$9 to \$9.99 .....	13		1		14
\$10 to \$10.99 .....	13		1		14
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	31				31
\$13 to \$13.99 .....	89				89
\$14 to \$14.99 .....	55				55
\$15 to \$17.99 .....	66				66
\$18 to \$20.99 .....	69				69
\$21 to \$24.99 .....	109				109
\$25 and over .....	79				79
Totals .....	537		10		547

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	466		466
February .....	484		484
March .....	461		461
April .....	468		468
May .....	487		487
June .....	492		492
July .....	510		510
August .....	547		547
September .....	577		577
October .....	578		578
November .....	611		611
December .....	566		566

**TABLE No. 49. IRON AND STEEL, STRUCTURAL AND ORNAMENTAL.**  
(32 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
<b>Salaried:</b>		
Officers, superintendents and managers.....	83	2
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	184	35
Under 18 years of age.....	4	
<b>Totals</b> .....	271	37
<b>Wage earners:</b>		
18 years of age and over.....	1,917	
Under 18 years of age.....	27	
<b>Totals</b> .....	1,944	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$211,725
Clerks, stenographers, salesmen, etc.....	217,210
Wage earners (including piece workers).....	1,544,324
<b>Total</b> .....	\$1,973,259

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....			1		1
\$5 to \$5.99.....	1		5		6
\$6 to \$6.99.....	3		7		10
\$7 to \$7.99.....	8		4		12
\$8 to \$8.99.....	3		2		5
\$9 to \$9.99.....	12		3		15
\$10 to \$10.99.....	16		4		20
\$11 to \$11.99.....	28		1		29
\$12 to \$12.99.....	402				402
\$13 to \$13.99.....	141				141
\$14 to \$14.99.....	148				148
\$15 to \$17.99.....	355				355
\$18 to \$20.99.....	351				351
\$21 to \$24.99.....	244				244
\$25 and over.....	205				205
<b>Totals</b> .....	1,917		27		1,944

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	2,058		2,058
February.....	1,915		1,915
March.....	1,730		1,730
April.....	1,905		1,905
May.....	2,102		2,102
June.....	2,128		2,128
July.....	2,010		2,010
August.....	2,145		2,145
September.....	1,948		1,948
October.....	1,780		1,780
November.....	1,810		1,810
December.....	2,036		2,036



TABLE No. 50. JEWELRY.

(18 establishments reporting.)

The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	10	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	19	11
Under 18 years of age.....	3	1
<b>Totals</b> .....	<b>32</b>	<b>12</b>
<b>Wage earners:</b>		
18 years of age and over.....	332	47
Under 18 years of age.....	25	8
<b>Totals</b> .....	<b>357</b>	<b>55</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$16,900
Clerks, stenographers, salesmen, etc.....	20,828
Wage earners (including piece workers).....	357,085
<b>Total</b> .....	<b>\$394,813</b>

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	2	8	17		27
\$6 to \$6.99.....	5	7	3	4	19
\$7 to \$7.99.....	5	3	2	4	14
\$8 to \$8.99.....	3	2	1		6
\$9 to \$9.99.....	19	11			30
\$10 to \$10.99.....	14	3			17
\$11 to \$11.99.....	2	1			3
\$12 to \$12.99.....	15	3			18
\$13 to \$13.99.....	9	1			10
\$14 to \$14.99.....	8	2			10
\$15 to \$17.99.....	39	3	2		44
\$18 to \$20.99.....	49	2			51
\$21 to \$24.99.....	69	1			70
\$25 and over.....	93				93
<b>Totals</b> .....	<b>332</b>	<b>47</b>	<b>25</b>	<b>8</b>	<b>412</b>

Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	349	55	404
February.....	355	45	400
March.....	358	49	407
April.....	361	49	410
May.....	354	45	399
June.....	345	48	393
July.....	342	44	386
August.....	354	48	402
September.....	370	48	418
October.....	370	57	427
November.....	375	62	437
December.....	372	66	438

TABLE No. 51. KNIT GOODS.

(10 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	19	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	46	28
Under 18 years of age.....	8	
Totals .....	73	28
Wage earners:		
18 years of age and over.....	76	342
Under 18 years of age.....	3	23
Totals .....	79	365

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$559,534
Clerks, stenographers, salesmen, etc.....	65,361
Wage earners (including piece workers).....	205,777
Total .....	\$330,672

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....		8			8
\$5 to \$5.99.....	1	8		4	13
\$6 to \$6.99.....	3	23	2	4	32
\$7 to \$7.99.....		64	1	8	73
\$8 to \$8.99.....	2	49		4	55
\$9 to \$9.99.....	1	52		1	54
\$10 to \$10.99.....	7	35		2	44
\$11 to \$11.99.....	4	22			26
\$12 to \$12.99.....	8	29			37
\$13 to \$13.99.....	1	12			13
\$14 to \$14.99.....	4	8			12
\$15 to \$17.99.....	13	26			39
\$18 to \$20.99.....	11	3			14
\$21 to \$24.99.....	10	1			11
\$25 and over.....	11	2			13
Totals .....	76	342	3	23	444

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	69	292	361
February .....	72	322	394
March .....	75	340	415
April .....	79	364	443
May .....	75	362	437
June .....	76	361	437
July .....	79	353	432
August .....	80	382	462
September .....	78	380	458
October .....	75	386	461
November .....	85	405	490
December .....	86	378	464

TABLE No. 52. LAUNDRIES (Steam).

(98 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	172	9
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	422	342
Under 18 years of age.....	1	
Totals .....	595	351
Wage earners:		
18 years of age and over.....	2,042	3,753
Under 18 years of age.....	4	23
Totals .....	2,046	3,776

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$354,836
Clerks, stenographers, salesmen, etc.....	631,599
Wage earners (including piece workers).....	3,332,677
Total .....	\$4,319,112

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		1			1
\$4 to \$4.99 .....		15			15
\$5 to \$5.99 .....	1	42			43
\$6 to \$6.99 .....	12	163		4	179
\$7 to \$7.99 .....	68	717	3	8	796
\$8 to \$8.99 .....	76	916	1	7	1,000
\$9 to \$9.99 .....	101	722		4	827
\$10 to \$10.99 .....	110	431			541
\$11 to \$11.99 .....	48	206			254
\$12 to \$12.99 .....	172	273			445
\$13 to \$13.99 .....	66	67			133
\$14 to \$14.99 .....	78	33			111
\$15 to \$17.99 .....	422	122			544
\$18 to \$20.99 .....	560	33			593
\$21 to \$24.99 .....	161	11			172
\$25 and over .....	167	1			168
Totals .....	2,042	3,753	4	23	5,822

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	2,008	3,596	5,604
February .....	1,975	3,619	5,594
March .....	1,990	3,666	5,656
April .....	1,985	3,668	5,653
May .....	1,952	3,593	5,545
June .....	1,943	3,658	5,601
July .....	2,040	3,860	5,900
August .....	2,061	3,856	5,917
September .....	2,053	3,843	5,896
October .....	2,042	3,707	5,749
November .....	2,040	3,724	5,764
December .....	2,029	3,707	5,736

**TABLE No. 53. LEATHER GOODS.**  
(17 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	26	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	56	14
Under 18 years of age.....	2	
Totals .....	84	14
Wage earners:		
18 years of age and over.....	115	15
Under 18 years of age.....	4	
Totals .....	119	15

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$50,056
Clerks, stenographers, salesmen, etc.....	63,373
Wage earners (including piece workers).....	104,157
Total .....	\$217,586

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1	1	1		3
\$6 to \$6.99 .....		3	1		4
\$7 to \$7.99 .....	1	2	1		4
\$8 to \$8.99 .....	1	1	1		3
\$9 to \$9.99 .....		5			5
\$10 to \$10.99 .....	5	2			7
\$11 to \$11.99 .....		1			1
\$12 to \$12.99 .....	4				4
\$13 to \$13.99 .....	7				7
\$14 to \$14.99 .....	6				6
\$15 to \$17.99 .....	18				18
\$18 to \$20.99 .....	35				35
\$21 to \$24.99 .....	30				30
\$25 and over.....	7				7
Totals .....	115	15	4		134

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	121	15	136
February .....	120	12	132
March .....	121	13	134
April .....	119	11	130
May .....	122	12	134
June .....	115	12	127
July .....	114	12	126
August .....	111	12	123
September .....	108	13	121
October .....	113	11	124
November .....	118	15	133
December .....	134	19	153

TABLE No. 54. LIQUORS, DISTILLED.

(7 establishments reporting.)

The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	16	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	28	8
Under 18 years of age.....	3	2
<b>Totals .....</b>	<b>47</b>	<b>10</b>
<b>Wage earners:</b>		
18 years of age and over.....	174	1
Under 18 years of age.....	1	-----
<b>Totals .....</b>	<b>175</b>	<b>1</b>

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$55,810
Clerks, stenographers, salesmen, etc.....	53,499
Wage earners (including piece workers).....	123,940
<b>Total .....</b>	<b>\$233,249</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					-----
\$4 to \$4.99.....					-----
\$5 to \$5.99.....					-----
\$6 to \$6.99.....	1	-----	1	-----	2
\$7 to \$7.99.....	3	-----			3
\$8 to \$8.99.....					-----
\$9 to \$9.99.....	1	-----			1
\$10 to \$10.99.....	4	-----			4
\$11 to \$11.99.....	6	-----			6
\$12 to \$12.99.....	37	1	-----		38
\$13 to \$13.99.....	21	-----			21
\$14 to \$14.99.....	1	-----			1
\$15 to \$17.99.....	24	-----			24
\$18 to \$20.99.....	13	-----			13
\$21 to \$24.99.....	55	-----			55
\$25 and over.....	8	-----			8
<b>Totals .....</b>	<b>174</b>	<b>1</b>	<b>1</b>	-----	<b>176</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	164	1	165
February .....	155	1	156
March .....	152	1	153
April .....	154	1	155
May .....	152	1	153
June .....	145	1	146
July .....	143	1	144
August .....	143	1	144
September .....	154	1	155
October .....	174	1	175
November .....	183	1	184
December .....	209	1	210

TABLE No. 55. LIQUORS, MALT.

(36 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	96	4
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	152	17
Under 18 years of age.....		
Totals .....	248	21
Wage earners:		
18 years of age and over.....	1,044	
Under 18 years of age.....		
Totals .....	1,044	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$359,661
Clerks, stenographers, salesmen, etc.....	213,214
Wage earners (including piece workers).....	1,204,466
Total .....	\$1,777,341

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....	1				1
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	8				8
\$13 to \$13.99.....	1				1
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	37				37
\$18 to \$20.99.....	264				264
\$21 to \$24.99.....	318				318
\$25 and over.....	414				414
Totals .....	1,044				1,044

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	1,011		1,011
February .....	1,016		1,016
March .....	1,023		1,023
April .....	1,044		1,044
May .....	1,059		1,059
June .....	1,085		1,085
July .....	1,088		1,088
August .....	1,063		1,063
September .....	1,071		1,071
October .....	1,033		1,033
November .....	1,016		1,016
December .....	999		999

TABLE No. 56. LIQUORS, VINOUS.

(63 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	71	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	61	26
Under 18 years of age.....		
Totals .....	130	28
Wage earners:		
18 years of age and over.....	671	6
Under 18 years of age.....		
Totals .....	671	6

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$204,261
Clerks, stenographers, salesmen, etc.....	103,568
Wage earners (including piece workers).....	396,522
Total .....	\$704,351

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....		1			1
\$6 to \$6.99.....	20				20
\$7 to \$7.99.....	2	1			3
\$8 to \$8.99.....	5				5
\$9 to \$9.99.....	20				20
\$10 to \$10.99.....	167				167
\$11 to \$11.99.....	23				23
\$12 to \$12.99.....	88	2			90
\$13 to \$13.99.....	114				114
\$14 to \$14.99.....	22				22
\$15 to \$17.99.....	120				120
\$18 to \$20.99.....	29				29
\$21 to \$24.99.....	35	2			37
\$25 and over.....	26				26
Totals .....	671	6			677

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	622	6	628
February .....	597	6	603
March .....	564	6	570
April .....	510	6	516
May .....	495	6	501
June .....	509	6	515
July .....	485	6	491
August .....	597	6	603
September .....	1,239	6	1,245
October .....	1,331	6	1,337
November .....	1,077	5	1,082
December .....	644	5	649

TABLE No. 57. LUMBER INDUSTRY—PLANING MILLS.

(60 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	93	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	132	23
Under 18 years of age.....		
Totals .....	225	23
Wage earners:		
18 years of age and over.....	1,548	36
Under 18 years of age.....	6	4
Totals .....	1,554	40
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$190,752
Clerks, stenographers, salesmen, etc.....		206,721
Wage earners (including piece workers).....		1,332,991
Total .....		\$1,730,464

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	4				4
\$4 to \$4.99 .....	17				17
\$5 to \$5.99 .....	2	7		1	10
\$6 to \$6.99 .....	8	10		1	19
\$7 to \$7.99 .....	20	11	1	1	33
\$8 to \$8.99 .....	14	8			23
\$9 to \$9.99 .....	52		1		53
\$10 to \$10.99 .....	29		3	1	33
\$11 to \$11.99 .....	22				22
\$12 to \$12.99 .....	81				81
\$13 to \$13.99 .....	97				97
\$14 to \$14.99 .....	22				22
\$15 to \$17.99 .....	381				381
\$18 to \$20.99 .....	289				289
\$21 to \$24.99 .....	297				297
\$25 and over.....	213				213
Totals .....	1,548	36	6	4	1,594

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	1,473	21	1,494
February .....	1,435	20	1,455
March .....	1,485	30	1,515
April .....	1,532	35	1,567
May .....	1,429	31	1,460
June .....	1,477	33	1,510
July .....	1,453	32	1,485
August .....	1,510	34	1,544
September .....	1,559	35	1,594
October .....	1,549	40	1,589
November .....	1,553	42	1,595
December .....	1,562	37	1,599



**TABLE No. 58. LUMBER INDUSTRY—SASH AND DOOR MILLS AND HOUSE FINISH.**(48 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaries:		
Officers, superintendents and managers.....	88	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	191	34
Under 18 years of age.....	4	2
Totals .....	283	37
Wage earners:		
18 years of age and over.....	2,150	
Under 18 years of age.....	70	
Totals .....	2,220	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$223,058
Clerks, stenographers, salesmen, etc.....	269,839
Wage earners (including piece workers).....	1,899,340
Total .....	\$2,392,237

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....			1		1
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....			18		18
\$7 to \$7.99.....	18		8		26
\$8 to \$8.99.....	11				11
\$9 to \$9.99.....	41		9		50
\$10 to \$10.99.....	65		22		87
\$11 to \$11.99.....	4				4
\$12 to \$12.99.....	210		3		213
\$13 to \$13.99.....	273		9		282
\$14 to \$14.99.....	122				122
\$15 to \$17.99.....	351				351
\$18 to \$20.99.....	419				419
\$21 to \$24.99.....	372				372
\$25 and over.....	264				264
Totals .....	2,150		70		2,220

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	2,246		2,246
February .....	2,352		2,352
March .....	2,328		2,328
April .....	2,315		2,315
May .....	2,337		2,337
June .....	2,396		2,396
July .....	2,291		2,291
August .....	2,216		2,216
September .....	2,097		2,097
October .....	2,138		2,138
November .....	2,114		2,114
December .....	2,131		2,131

TABLE No. 59. LUMBER INDUSTRY—SAW MILLS AND LOGGING OPERATIONS.

(33 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	152	-----
Clerks, stenographers, salesmen, etc.: 18 years of age and over.....	348	45
Under 18 years of age.....	-----	-----
Totals .....	500	45
Wage earners:		
18 years of age and over.....	8,896	47
Under 18 years of age.....	41	-----
Totals .....	8,937	47
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$498,625
Clerks, stenographers, salesmen, etc.....		475,762
Wage earners (including piece workers).....		6,667,545
Total .....		\$7,641,932

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1	-----	-----	-----	1
\$4 to \$4.99 .....	-----	1	-----	-----	1
\$5 to \$5.99 .....	-----	-----	1	-----	1
\$6 to \$6.99 .....	8	2	4	-----	14
\$7 to \$7.99 .....	1	1	4	-----	6
\$8 to \$8.99 .....	30	2	-----	-----	32
\$9 to \$9.99 .....	220	6	9	-----	235
\$10 to \$10.99 .....	296	8	6	-----	310
\$11 to \$11.99 .....	237	7	-----	-----	244
\$12 to \$12.99 .....	1,116	7	13	-----	1,136
\$13 to \$13.99 .....	1,261	3	3	-----	1,267
\$14 to \$14.99 .....	322	1	-----	-----	323
\$15 to \$17.99 .....	2,388	3	1	-----	2,392
\$18 to \$20.99 .....	1,629	-----	-----	-----	1,629
\$21 to \$24.99 .....	818	4	-----	-----	822
\$25 and over.....	569	2	-----	-----	571
Totals .....	8,896	47	41	-----	8,984

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	5,521	32	5,553
February .....	5,441	29	5,470
March .....	6,832	33	6,865
April .....	9,194	42	9,236
May .....	10,236	50	10,286
June .....	10,523	52	10,575
July .....	10,484	51	10,535
August .....	10,044	50	10,094
September .....	9,642	48	9,690
October .....	8,493	42	8,535
November .....	7,285	38	7,323
December .....	6,211	30	6,241

TABLE No. 60. LUMBER INDUSTRY—SHINGLE MILLS.

(3 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	2	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....		1
Under 18 years of age.....		-----
Totals .....	2	1
Wage earners:		
18 years of age and over.....	100	-----
Under 18 years of age.....		-----
Totals .....	100	-----

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$2,700
Clerks, stenographers, salesmen, etc.....	900
Wage earners (including piece workers).....	49,937
Total .....	\$53,537

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....					
\$8 to \$8.99.....	1				1
\$9 to \$9.99.....					
\$10 to \$10.99.....	3				3
\$11 to \$11.99.....					
\$12 to \$12.99.....	3				3
\$13 to \$13.99.....	14				14
\$14 to \$14.99.....					
\$15 to \$17.99.....	52				52
\$18 to \$20.99.....	13				13
\$21 to \$24.99.....	11				11
\$25 and over.....	2				2
Totals .....	100				100

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	79	-----	79
February .....	90	-----	90
March .....	91	-----	91
April .....	100	-----	100
May .....	96	-----	96
June .....	100	-----	100
July .....	107	-----	107
August .....	79	-----	79
September .....	82	-----	82
October .....	80	-----	80
November .....	90	-----	90
December .....	87	-----	87

**TABLE No. 61. MARBLE AND STONE WORK.**  
 (11 establishments reporting.)  
**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	17	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	16	5
Under 18 years of age.....	-----	-----
Totals .....	33	5
Wage earners:		
18 years of age and over.....	144	-----
Under 18 years of age.....	-----	-----
Totals .....	144	-----

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$32,808
Clerks, stenographers, salesmen, etc.....	16,799
Wage earners (including piece workers).....	138,823
<b>Total .....</b>	<b>\$188,430</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....					
\$11 to \$11.99 .....	2				2
\$12 to \$12.99 .....					
\$13 to \$13.99 .....	1				1
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	26				26
\$18 to \$20.99 .....	17				17
\$21 to \$24.99 .....	41				41
\$25 and over.....	56				56
Totals .....	144				144

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	157	-----	157
February .....	147	-----	147
March .....	148	-----	148
April .....	151	-----	151
May .....	165	-----	165
June .....	130	-----	130
July .....	122	-----	122
August .....	122	-----	122
September .....	103	-----	103
October .....	100	-----	100
November .....	128	-----	128
December .....	140	-----	140

**TABLE No. 62. MATTRESSES, PILLOWS AND BEDDING.**  
(22 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	38	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	39	17
Under 18 years of age.....	-----	1
<b>Totals</b> .....	77	18
<b>Wage earners:</b>		
18 years of age and over.....	291	55
Under 18 years of age.....	8	1
<b>Totals</b> .....	299	56
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$74,885
Clerks, stenographers, salesmen, etc.....		54,712
Wage earners (including piece workers).....		236,235
<b>Total</b> .....		\$365,832

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1	-----	1	-----	2
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5. to \$5.99 .....	1	3	3	-----	7
\$6 to \$6.99 .....	7	1	2	-----	10
\$7 to \$7.99 .....	5	8	1	1	15
\$8 to \$8.99 .....	8	9	-----	-----	17
\$9 to \$9.99 .....	9	4	1	-----	14
\$10 to \$10.99 .....	9	5	-----	-----	14
\$11 to \$11.99 .....	18	1	-----	-----	19
\$12 to \$12.99 .....	37	13	-----	-----	50
\$13 to \$13.99 .....	24	2	-----	-----	26
\$14 to \$14.99 .....	9	5	-----	-----	14
\$15 to \$17.99 .....	54	3	-----	-----	57
\$18 to \$20.99 .....	37	1	-----	-----	38
\$21 to \$24.99 .....	58	-----	-----	-----	58
\$25 and over.....	14	-----	-----	-----	14
<b>Totals</b> .....	291	55	8	1	355

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	309	56	365
February .....	295	55	350
March .....	302	57	359
April .....	291	49	340
May .....	281	53	334
June .....	290	48	338
July .....	285	50	335
August .....	278	49	327
September .....	283	50	333
October .....	297	56	353
November .....	301	53	354
December .....	294	60	354

TABLE No. 63. METAL SIGNS, STENCILS AND RUBBER STAMPS.

(7 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	20	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	29	3
Under 18 years of age.....	4	-----
Totals .....	53	4
Wage earners:		
18 years of age and over.....	72	17
Under 18 years of age.....	1	-----
Totals .....	73	17

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$41,564
Clerks, stenographers, salesmen, etc.....	28,335
Wage earners (including piece workers).....	61,869
Total .....	\$131,768

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	-----	-----	-----	-----
\$4 to \$4.99.....	-----	-----	-----	-----	-----
\$5 to \$5.99.....	-----	-----	1	-----	1
\$6 to \$6.99.....	-----	2	-----	-----	2
\$7 to \$7.99.....	-----	2	-----	-----	2
\$8 to \$8.99.....	1	5	-----	-----	6
\$9 to \$9.99.....	1	2	-----	-----	3
\$10 to \$10.99.....	2	-----	-----	-----	2
\$11 to \$11.99.....	6	2	-----	-----	8
\$12 to \$12.99.....	12	-----	-----	-----	12
\$13 to \$13.99.....	8	1	-----	-----	9
\$14 to \$14.99.....	3	-----	-----	-----	3
\$15 to \$17.99.....	14	-----	-----	-----	14
\$18 to \$20.99.....	13	3	-----	-----	16
\$21 to \$24.99.....	8	-----	-----	-----	8
\$25 and over.....	4	-----	-----	-----	4
Totals .....	72	17	1	-----	90

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	64	14	78
February .....	60	11	71
March .....	59	9	68
April .....	61	9	70
May .....	62	13	75
June .....	58	15	73
July .....	58	10	68
August .....	59	11	70
September .....	73	17	90
October .....	109	36	145
November .....	120	38	158
December .....	105	45	150

**TABLE No. 64. MILLINERY.**  
(11 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	13	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	13	19
Under 18 years of age.....	3	
<b>Totals</b> .....	<b>29</b>	<b>20</b>
<b>Wage earners:</b>		
18 years of age and over.....	42	128
Under 18 years of age.....	1	9
<b>Totals</b> .....	<b>43</b>	<b>137</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$28,815
Clerks, stenographers, salesmen, etc.....	26,994
Wage earners (including piece workers).....	99,694
<b>Total</b> .....	<b>\$155,503</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		1		3	4
\$4 to \$4.99.....					
\$5 to \$5.99.....		1		3	4
\$6 to \$6.99.....	2	17	1	2	22
\$7 to \$7.99.....	2	7		1	10
\$8 to \$8.99.....		11			11
\$9 to \$9.99.....	1	7			8
\$10 to \$10.99.....	1	24			25
\$11 to \$11.99.....		9			9
\$12 to \$12.99.....	2	13			15
\$13 to \$13.99.....	2	3			5
\$14 to \$14.99.....	1	3			4
\$15 to \$17.99.....	12	18			30
\$18 to \$20.99.....	6	5			11
\$21 to \$24.99.....	5	1			6
\$25 and over.....	10	8			18
<b>Totals</b> .....	<b>42</b>	<b>128</b>	<b>1</b>	<b>9</b>	<b>180</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	41	114	155
February.....	42	145	187
March.....	51	170	221
April.....	44	133	177
May.....	34	105	139
June.....	35	108	143
July.....	39	114	153
August.....	53	158	211
September.....	57	164	221
October.....	50	156	206
November.....	45	119	164
December.....	38	123	161

TABLE No. 65. OIL STOVES AND OIL BURNING EQUIPMENT.

(10 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	10	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	13	8
Under 18 years of age.....		
Totals.....	23	9
Wage earners:		
18 years of age and over.....	96	
Under 18 years of age.....	2	
Totals.....	98	

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$22,816
Clerks, stenographers, salesmen, etc.....	17,194
Wage earners (including piece workers).....	86,521
Total.....	\$126,531

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....			1		1
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....			1		1
\$8 to \$8.99.....	2				2
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	1				1
\$13 to \$13.99.....	1				1
\$14 to \$14.99.....	11				11
\$15 to \$17.99.....	21				21
\$18 to \$20.99.....	50				50
\$21 to \$24.99.....	7				7
\$25 and over.....					
Totals.....	96		2		98

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	96		96
February.....	90		90
March.....	88		88
April.....	79		79
May.....	78		78
June.....	78		78
July.....	84		84
August.....	84		84
September.....	95		95
October.....	96		96
November.....	97		97
December.....	89		89



TABLE No. 66. OIL WELL TOOLS AND SUPPLIES.

(9 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	19	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	13	10
Under 18 years of age.....	-----	-----
Totals .....	32	10
Wage earners:		
18 years of age and over.....	164	-----
Under 18 years of age.....	-----	-----
Totals .....	164	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$37,156
Clerks, stenographers, salesmen, etc.....	24,697
Wage earners (including piece workers).....	118,763
Total .....	\$180,616

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	-----	-----	-----	-----	-----
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5 to \$5.99 .....	-----	-----	-----	-----	-----
\$6 to \$6.99 .....	2	-----	-----	-----	2
\$7 to \$7.99 .....	-----	-----	-----	-----	-----
\$8 to \$8.99 .....	5	-----	-----	-----	5
\$9 to \$9.99 .....	2	-----	-----	-----	2
\$10 to \$10.99 .....	4	-----	-----	-----	4
\$11 to \$11.99 .....	1	-----	-----	-----	1
\$12 to \$12.99 .....	8	-----	-----	-----	8
\$13 to \$13.99 .....	13	-----	-----	-----	13
\$14 to \$14.99 .....	18	-----	-----	-----	18
\$15 to \$17.99 .....	29	-----	-----	-----	29
\$18 to \$20.99 .....	25	-----	-----	-----	25
\$21 to \$24.99 .....	35	-----	-----	-----	35
\$25 and over .....	22	-----	-----	-----	22
Totals .....	164	-----	-----	-----	164

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	151	-----	151
February .....	145	-----	145
March .....	171	-----	171
April .....	168	-----	168
May .....	162	-----	162
June .....	184	-----	184
July .....	166	-----	166
August .....	173	-----	173
September .....	173	-----	173
October .....	172	-----	172
November .....	165	-----	165
December .....	165	-----	165

**TABLE No. 67. PACKING AND PROCESSING OF DRIED FRUITS.**  
(77 establishments reporting.)  
The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	100	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	131	47
Under 18 years of age.....	5	1
<b>Totals .....</b>	<b>236</b>	<b>48</b>
<b>Wage earners:</b>		
18 years of age and over.....	2,261	2,388
Under 18 years of age.....	17	11
<b>Totals .....</b>	<b>2,278</b>	<b>2,399</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$287,194
Clerks, stenographers, salesmen, etc.....	142,069
Wage earners (including piece workers).....	1,270,115
<b>Total .....</b>	<b>\$1,699,378</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	133	161	-----	-----	294
\$4 to \$4.99.....	39	58	-----	-----	97
\$5 to \$5.99.....	59	84	-----	1	144
\$6 to \$6.99.....	53	163	8	2	226
\$7 to \$7.99.....	75	279	1	2	457
\$8 to \$8.99.....	54	238	2	-----	294
\$9 to \$9.99.....	108	537	4	-----	649
\$10 to \$10.99.....	116	250	2	5	373
\$11 to \$11.99.....	83	107	-----	-----	190
\$12 to \$12.99.....	427	118	-----	-----	545
\$13 to \$13.99.....	178	66	-----	-----	244
\$14 to \$14.99.....	223	62	-----	1	286
\$15 to \$17.99.....	509	106	-----	-----	615
\$18 to \$20.99.....	115	57	-----	-----	172
\$21 to \$24.99.....	57	2	-----	-----	59
\$25 and over.....	32	-----	-----	-----	32
<b>Totals .....</b>	<b>2,261</b>	<b>2,388</b>	<b>17</b>	<b>11</b>	<b>4,677</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	872	667	1,539
February.....	716	662	1,378
March.....	562	547	1,109
April.....	515	525	1,040
May.....	567	430	997
June.....	734	492	1,226
July.....	1,005	732	1,737
August.....	1,294	1,178	2,472
September.....	2,202	1,932	4,134
October.....	3,335	2,888	6,223
November.....	2,940	2,362	5,302
December.....	1,651	1,413	3,064

**TABLE No. 68. PAINTS AND VARNISHES.**  
(22 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	44	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	68	21
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	112	21
<b>Wage earners:</b>		
18 years of age and over.....	353	24
Under 18 years of age.....	2	3
<b>Totals</b> .....	355	27

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$101,399
Clerks, stenographers, salesmen, etc.....	112,790
Wage earners (including piece workers).....	336,243
<b>Total</b> .....	\$550,432

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....	1		1		2
\$5 to \$5.99 .....			1		1
\$6 to \$6.99 .....				1	1
\$7 to \$7.99 .....	1	10		1	12
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....	18	4		1	23
\$10 to \$10.99 .....	7	3			10
\$11 to \$11.99 .....	2				2
\$12 to \$12.99 .....	14	1			15
\$13 to \$13.99 .....	48	3			51
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	157	1			158
\$18 to \$20.99 .....	56				56
\$21 to \$24.99 .....	32	1			33
\$25 and over .....	17				17
<b>Totals</b> .....	353	24	2	3	382

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	362	27	389
February .....	374	27	401
March .....	373	27	400
April .....	351	32	383
May .....	388	39	427
June .....	371	39	410
July .....	374	37	411
August .....	372	34	406
September .....	380	33	413
October .....	380	29	409
November .....	357	29	386
December .....	355	27	382

**TABLE No. 69. PAPER AND PAPER GOODS (not elsewhere specified).**  
(8 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	22	---
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	19	29
Under 18 years of age.....	---	---
<b>Totals</b> .....	41	29
<b>Wage earners:</b>		
18 years of age and over.....	326	106
Under 18 years of age.....	5	20
<b>Totals</b> .....	331	126
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$58,140
Clerks, stenographers, salesmen, etc.....		55,971
Wage earners (including piece workers).....		285,675
<b>Total</b> .....		\$399,786

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....		2	1	9	12
\$5 to \$5.99.....		36	2	9	47
\$6 to \$6.99.....		25	1	1	27
\$7 to \$7.99.....	1	24		1	26
\$8 to \$8.99.....	9	9			18
\$9 to \$9.99.....	11	1	1		13
\$10 to \$10.99.....		2			2
\$11 to \$11.99.....	60	2			62
\$12 to \$12.99.....	68	3			71
\$13 to \$13.99.....	35	1			36
\$14 to \$14.99.....	59	1			60
\$15 to \$17.99.....	48				48
\$18 to \$20.99.....	27				27
\$21 to \$24.99.....	8				8
\$25 and over.....					
<b>Totals</b> .....	326	106	5	20	457

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	270	84	354
February .....	296	87	383
March .....	290	93	383
April .....	324	98	422
May .....	305	100	405
June .....	300	96	396
July .....	298	97	395
August .....	301	99	400
September .....	302	116	418
October .....	302	116	418
November .....	319	126	445
December .....	334	126	460

**TABLE No. 70. PATENT MEDICINES, COMPOUNDS AND DRUGGISTS' PREPARATIONS.**

(15 establishments reporting.)

**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	22	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	51	40
Under 18 years of age.....		
Totals .....	73	41
Wage earners:		
18 years of age and over.....	85	92
Under 18 years of age.....	1	7
Totals .....	86	99

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$49,304
Clerks, stenographers, salesmen, etc.....	52,750
Wage earners (including piece workers).....	59,241
Total .....	\$161,295

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		1			1
\$4 to \$4.99 .....					
\$5 to \$5.99 .....		1			1
\$6 to \$6.99 .....	1	5		7	13
\$7 to \$7.99 .....	5	17			22
\$8 to \$8.99 .....	7	9			16
\$9 to \$9.99 .....	5	14			19
\$10 to \$10.99 .....	9	12			21
\$11 to \$11.99 .....	2	11			13
\$12 to \$12.99 .....	13	10	1		24
\$13 to \$13.99 .....	5	5			10
\$14 to \$14.99 .....	4	4			8
\$15 to \$17.99 .....	15	2			17
\$18 to \$20.99 .....	7	1			8
\$21 to \$24.99 .....	4				4
\$25 and over.....	8				8
Totals .....	85	92	1	7	185

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	73	90	163
February .....	73	89	162
March .....	76	96	172
April .....	76	94	170
May .....	76	122	198
June .....	84	116	200
July .....	84	138	222
August .....	83	132	215
September .....	79	130	209
October .....	86	138	224
November .....	85	128	213
December .....	81	126	207

**TABLE No. 71. PETROLEUM REFINING.**  
(15 establishments reporting.)  
**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	139	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	1,296	185
Under 18 years of age.....	71	-----
Totals .....	1,506	185
Wage earners:		
18 years of age and over.....	5,639	40
Under 18 years of age.....	34	-----
Totals .....	5,673	40

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$630,531
Clerks, stenographers, salesmen, etc.....	1,844,065
Wage earners (including piece workers).....	5,920,576
<b>Total .....</b>	<b>\$8,395,172</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....	2				2
\$5 to \$5.99.....	1				1
\$6 to \$6.99.....					
\$7 to \$7.99.....	15		1		16
\$8 to \$8.99.....	21		1		22
\$9 to \$9.99.....	27		5		32
\$10 to \$10.99.....	21		2		23
\$11 to \$11.99.....	37		12		49
\$12 to \$12.99.....	128		13		141
\$13 to \$13.99.....	165				165
\$14 to \$14.99.....	53				53
\$15 to \$17.99.....	1,779	39			1,818
\$18 to \$20.99.....	1,098				1,098
\$21 to \$24.99.....	1,427				1,427
\$25 and over.....	865	1			866
<b>Totals .....</b>	<b>5,639</b>	<b>40</b>	<b>34</b>		<b>5,713</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	5,622	41	5,663
February .....	5,558	38	5,596
March .....	5,560	37	5,597
April .....	5,498	37	5,535
May .....	5,382	32	5,414
June .....	5,601	32	5,633
July .....	5,583	34	5,617
August .....	5,526	37	5,563
September .....	5,672	35	5,707
October .....	5,846	37	5,883
November .....	5,793	30	5,823
December .....	5,732	40	5,772

**TABLE No. 72. PHOTO ENGRAVING, ELECTROTYPING AND STEREOTYPING.**

(29 establishments reporting.)

**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	47	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	75	31
Under 18 years of age.....	3	
<b>Totals</b> .....	125	31
<b>Wage earners:</b>		
18 years of age and over.....	490	53
Under 18 years of age.....	31	32
<b>Totals</b> .....	521	85

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	
Clerks, stenographers, salesmen, etc.....	
Wage earners (including piece workers).....	
<b>Total</b> .....	

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1		2		3
\$6 to \$6.99 .....	9	17	14	17	57
\$7 to \$7.99 .....	1	8	10	10	29
\$8 to \$8.99 .....	41	7	5	4	57
\$9 to \$9.99 .....	24	6			30
\$10 to \$10.99 .....	35	5			40
\$11 to \$11.99 .....	17	2		1	20
\$12 to \$12.99 .....	23				23
\$13 to \$13.99 .....	20	1			21
\$14 to \$14.99 .....	13	2			15
\$15 to \$17.99 .....	42	2			44
\$18 to \$20.99 .....	36	2			38
\$21 to \$24.99 .....	56				56
\$25 and over .....	172	1			173
<b>Totals</b> .....	490	53	31	32	606

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	474	75	549
February .....	498	71	569
March .....	485	69	554
April .....	484	67	551
May .....	470	63	533
June .....	469	63	532
July .....	468	65	533
August .....	483	69	552
September .....	506	73	579
October .....	537	76	613
November .....	530	77	607
December .....	518	85	603

TABLE No. 73. PRINTING AND PUBLISHING.

(246 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	380	11
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	1,615	347
Under 18 years of age.....	149	4
Totals .....	2,144	362
Wage earners:		
18 years of age and over.....	3,160	625
Under 18 years of age.....	345	25
Totals .....	3,505	650

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$913,922
Clerks, stenographers, salesmen, etc.....	1,756,973
Wage earners (including piece workers).....	3,605,033
Total .....	\$6,275,928

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	16	8	228		252
\$4 to \$4.99 .....	20	1	13	1	35
\$5 to \$5.99 .....	27	10	19	11	67
\$6 to \$6.99 .....	57	27	29	8	121
\$7 to \$7.99 .....	47	27	26	3	103
\$8 to \$8.99 .....	57	45	17		119
\$9 to \$9.99 .....	66	90	7	2	165
\$10 to \$10.99 .....	78	176	2		256
\$11 to \$11.99 .....	20	53			73
\$12 to \$12.99 .....	110	62	4		176
\$13 to \$13.99 .....	78	16			94
\$14 to \$14.99 .....	57	14			71
\$15 to \$17.99 .....	323	41			364
\$18 to \$20.99 .....	301	21			322
\$21 to \$24.99 .....	570	13			583
\$25 and over.....	1,333	21			1,354
Totals .....	3,160	625	345	25	4,155

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	3,521	635	4,156
February .....	3,525	636	4,161
March .....	3,528	674	4,202
April .....	3,498	631	4,129
May .....	3,567	632	4,199
June .....	3,511	660	4,171
July .....	3,504	637	4,141
August .....	3,456	618	4,074
September .....	3,453	618	4,071
October .....	3,532	644	4,176
November .....	3,522	663	4,185
December .....	3,569	651	4,220



TABLE No. 74. ROCK, QUARRYING AND CRUSHING.

(13 establishments reporting.)

## The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	21	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	15	3
Under 18 years of age.....		
Totals .....	36	3
Wage earners:		
18 years of age and over.....	285	
Under 18 years of age.....	1	
Totals .....	286	

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$46,283
Clerks, stenographers, salesmen, etc.....	17,928
Wage earners (including piece workers).....	271,219
Total .....	\$335,430

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....			1		1
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	20				20
\$13 to \$13.99 .....	66				66
\$14 to \$14.99 .....	10				10
\$15 to \$17.99 .....	90				90
\$18 to \$20.99 .....	48				48
\$21 to \$24.99 .....	27				27
\$25 and over.....	24				24
Totals .....	285		1		286

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	243		243
February .....	273		273
March .....	260		260
April .....	274		274
May .....	235		235
June .....	288		288
July .....	269		269
August .....	234		234
September .....	332		332
October .....	308		308
November .....	333		333
December .....	290		290

TABLE No. 75. ROOFING MATERIALS AND BUILDING PAPER.

(6 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers	32	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over	97	18
Under 18 years of age	1	
Totals	130	18
Wage earners:		
18 years of age and over	332	3
Under 18 years of age		
Totals	332	3
Salary and wage payments—annual:		
Officers, superintendents and managers		\$116,303
Clerks, stenographers, salesmen, etc.		137,998
Wage earners (including piece workers)		236,934
Total		\$491,235

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4					
\$4 to \$4.99					
\$5 to \$5.99					
\$6 to \$6.99					
\$7 to \$7.99					
\$8 to \$8.99	1				1
\$9 to \$9.99	10	1			11
\$10 to \$10.99	25	1			26
\$11 to \$11.99	6				6
\$12 to \$12.99	43				43
\$13 to \$13.99	44				44
\$14 to \$14.99					
\$15 to \$17.99	92				92
\$18 to \$20.99	79				79
\$21 to \$24.99	29	1			30
\$25 and over	3				3
Totals	332	3			335

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January	307	3	310
February	313	3	316
March	300	3	303
April	305	3	308
May	286	2	288
June	272	2	274
July	249	2	251
August	282	2	284
September	296	3	299
October	326	3	329
November	331	3	344
December	342	3	345

**TABLE No. 76. RUBBER GOODS, MECHANICAL AND RUBBER SPECIALTIES.**

(9 establishments reporting.)

**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	8	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	17	15
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	<b>25</b>	<b>15</b>
<b>Wage earners:</b>		
18 years of age and over.....	116	15
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	<b>116</b>	<b>15</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$9,025
Clerks, stenographers, salesmen, etc.....	19,827
Wage earners (including piece workers).....	107,003
<b>Total</b> .....	<b>\$135,855</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					3
\$5 to \$5.99.....		3			1
\$6 to \$6.99.....		1			7
\$7 to \$7.99.....	1	3			4
\$8 to \$8.99.....	3	2			5
\$9 to \$9.99.....	7	1			8
\$10 to \$10.99.....	2				2
\$11 to \$11.99.....	7				7
\$12 to \$12.99.....	14	2			16
\$13 to \$13.99.....	4	1			5
\$14 to \$14.99.....	11				11
\$15 to \$17.99.....	23	2			30
\$18 to \$20.99.....	20				20
\$21 to \$24.99.....	14				14
\$25 and over.....	5				5
<b>Totals</b> .....	<b>116</b>	<b>15</b>			<b>131</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	<b>114</b>	<b>17</b>	<b>131</b>
<b>February</b> .....	<b>115</b>	<b>17</b>	<b>132</b>
<b>March</b> .....	<b>119</b>	<b>17</b>	<b>136</b>
<b>April</b> .....	<b>118</b>	<b>17</b>	<b>135</b>
<b>May</b> .....	<b>118</b>	<b>17</b>	<b>135</b>
<b>June</b> .....	<b>125</b>	<b>16</b>	<b>141</b>
<b>July</b> .....	<b>122</b>	<b>15</b>	<b>137</b>
<b>August</b> .....	<b>107</b>	<b>9</b>	<b>116</b>
<b>September</b> .....	<b>111</b>	<b>15</b>	<b>126</b>
<b>October</b> .....	<b>113</b>	<b>16</b>	<b>129</b>
<b>November</b> .....	<b>113</b>	<b>16</b>	<b>129</b>
<b>December</b> .....	<b>100</b>	<b>13</b>	<b>113</b>

**TABLE No. 77. SALT.**  
(7 establishments reporting.)  
The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	17	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	12	8
Under 18 years of age.....	-----	-----
<b>Totals .....</b>	<b>29</b>	<b>8</b>
<b>Wage earners:</b>		
18 years of age and over.....	179	15
Under 18 years of age.....	-----	6
<b>Totals .....</b>	<b>179</b>	<b>21</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$38,500
Clerks, stenographers, salesmen, etc.....	26,179
Wage earners (including piece workers).....	181,188
<b>Total .....</b>	<b>\$245,867</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	1	-----	-----	-----	1
\$4 to \$4.99.....	1	-----	-----	-----	1
\$5 to \$5.99.....	1	-----	-----	-----	1
\$6 to \$6.99.....	2	-----	-----	-----	2
\$7 to \$7.99.....	-----	10	-----	6	16
\$8 to \$8.99.....	2	-----	-----	-----	2
\$9 to \$9.99.....	1	2	-----	-----	3
\$10 to \$10.99.....	-----	2	-----	-----	2
\$11 to \$11.99.....	20	-----	-----	-----	20
\$12 to \$12.99.....	37	1	-----	-----	38
\$13 to \$13.99.....	32	-----	-----	-----	32
\$14 to \$14.99.....	-----	-----	-----	-----	-----
\$15 to \$17.99.....	53	-----	-----	-----	53
\$18 to \$20.99.....	12	-----	-----	-----	12
\$21 to \$24.99.....	12	-----	-----	-----	12
\$25 and over.....	5	-----	-----	-----	5
<b>Totals .....</b>	<b>179</b>	<b>15</b>	<b>-----</b>	<b>6</b>	<b>200</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	153	19	172
February.....	152	19	171
March.....	159	17	176
April.....	149	19	168
May.....	158	17	175
June.....	158	22	180
July.....	160	26	186
August.....	204	20	224
September.....	208	20	228
October.....	211	20	231
November.....	215	23	238
December.....	178	21	199

**TABLE No. 78. SHEET METAL PRODUCTS (not including tin cans).**  
 (44 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	61	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	94	26
Under 18 years of age.....	2	1
<b>Totals</b> .....	157	27
<b>Wage earners:</b>		
18 years of age and over.....	601	9
Under 18 years of age.....	9	
<b>Totals</b> .....	610	9
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$176,897
Clerks, stenographers, salesmen, etc.....		105,357
Wage earners (including piece workers).....		500,280
<b>Total</b> .....		\$782,534

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....			2		2
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1		2		3
\$6 to \$6.99 .....	3		1		4
\$7 to \$7.99 .....	2	5	1		8
\$8 to \$8.99 .....	1	1			2
\$9 to \$9.99 .....	8	1	1		10
\$10 to \$10.99 .....	7	2			9
\$11 to \$11.99 .....	5		2		7
\$12 to \$12.99 .....	40				40
\$13 to \$13.99 .....	83				83
\$14 to \$14.99 .....	40				40
\$15 to \$17.99 .....	110				110
\$18 to \$20.99 .....	72				72
\$21 to \$24.99 .....	97				97
\$25 and over .....	132				132
<b>Totals</b> .....	601	9	9		619

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	561	2	563
February .....	568	2	570
March .....	562	5	567
April .....	539	13	552
May .....	528	5	533
June .....	551	4	555
July .....	568	4	572
August .....	600	4	604
September .....	602	3	605
October .....	608	3	611
November .....	589	3	592
December .....	572	9	581

**TABLE No. 79. SHIP BUILDING (including boat building).**  
 (9 establishments reporting.)  
 The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	47	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	78	16
Under 18 years of age.....		
<b>Totals</b> .....	125	16
<b>Wage earners:</b>		
18 years of age and over.....	2,784	
Under 18 years of age.....	108	
<b>Totals</b> .....	2,892	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$140,018
Clerks, stenographers, salesmen, etc.....	98,490
Wage earners (including piece workers).....	2,425,811
<b>Total</b> .....	\$2,664,319

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....	8		18		26
\$5 to \$5.99.....	20		58		78
\$6 to \$6.99.....	22		23		45
\$7 to \$7.99.....	109		9		118
\$8 to \$8.99.....	10				10
\$9 to \$9.99.....	88				88
\$10 to \$10.99.....	21				21
\$11 to \$11.99.....	265				265
\$12 to \$12.99.....	484				484
\$13 to \$13.99.....	448				448
\$14 to \$14.99.....	254				254
\$15 to \$17.99.....	256				256
\$18 to \$20.99.....	570				570
\$21 to \$24.99.....	196				196
\$25 and over.....	33				33
<b>Totals</b> .....	2,784		108		2,892

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	2,323		2,323
February .....	2,284		2,284
March .....	1,459		1,459
April .....	2,467		2,467
May .....	1,573		1,573
June .....	1,804		1,804
July .....	2,030		2,030
August .....	2,873		2,873
September .....	2,965		2,965
October .....	2,993		2,993
November .....	3,120		3,120
December .....	3,360		3,360

TABLE No. 80. SLAUGHTERING AND MEAT PACKING.

(31 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	84	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	436	30
Under 18 years of age.....	7	
Totals .....	527	31
Wage earners:		
18 years of age and over.....	1,659	57
Under 18 years of age.....	7	3
Totals .....	1,666	60

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$196,121
Clerks, stenographers, salesmen, etc.....	524,495
Wage earners (including piece workers).....	1,355,540
Total .....	\$2,076,156

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	38				38
\$4 to \$4.99.....	9	1			10
\$5 to \$5.99.....	1	5			6
\$6 to \$6.99.....	5	21	6	1	33
\$7 to \$7.99.....	2	21	1		24
\$8 to \$8.99.....	10				10
\$9 to \$9.99.....	16	3			19
\$10 to \$10.99.....	99	1			100
\$11 to \$11.99.....	20	1		2	23
\$12 to \$12.99.....	349				349
\$13 to \$13.99.....	195	4			199
\$14 to \$14.99.....	35				35
\$15 to \$15.99.....	298				298
\$16 to \$16.99.....	330				330
\$17 to \$17.99.....	165				165
\$18 to \$18.99.....	87				87
Totals .....	1,659	57	7	3	1,726

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	1,763	54	1,817
February.....	1,548	51	1,599
March.....	1,645	43	1,688
April.....	1,600	59	1,659
May.....	1,576	58	1,634
June.....	1,593	56	1,649
July.....	1,595	45	1,640
August.....	1,642	48	1,690
September.....	1,662	78	1,740
October.....	1,556	59	1,615
November.....	1,609	51	1,660
December.....	1,798	52	1,850

TABLE No. 81. SMELTING AND REFINING.

(7 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers	12	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over	11	5
Under 18 years of age		
Totals	23	5
Wage earners:		
18 years of age and over	179	
Under 18 years of age		
Totals	179	
Salary and wage payments—annual:		
Officers, superintendents and managers		\$48,075
Clerks, stenographers, salesmen, etc.		32,764
Wage earners (including piece workers)		115,322
Total		\$196,161

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4					
\$4 to \$4.99					
\$5 to \$5.99					
\$6 to \$6.99					
\$7 to \$7.99					
\$8 to \$8.99					
\$9 to \$9.99	34				34
\$10 to \$10.99					
\$11 to \$11.99					
\$12 to \$12.99	21				21
\$13 to \$13.99	23				23
\$14 to \$14.99	12				12
\$15 to \$17.99	40				40
\$18 to \$20.99	20				20
\$21 to \$24.99	20				20
\$25 and over	9				9
Totals	179				179

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January	83		83
February	85		85
March	82		82
April	88		88
May	174		174
June	158		158
July	138		138
August	207		207
September	179		179
October	206		206
November	183		183
December	217		217



TABLE No. 82. SOAP, WASHING POWDER, ETC.

(16 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	26	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	87	17
Under 18 years of age.....		
Totals .....	113	17
Wage earners:		
18 years of age and over.....	355	40
Under 18 years of age.....	4	1
Totals .....	359	41

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$75,768
Clerks, stenographers, salesmen, etc.....	132,891
Wage earners (including piece workers).....	333,123
Total .....	\$541,782

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....		1			1
\$6 to \$6.99 .....		6	3		9
\$7 to \$7.99 .....		3		1	4
\$8 to \$8.99 .....		1	1		2
\$9 to \$9.99 .....	1	6			7
\$10 to \$10.99 .....	2	9			11
\$11 to \$11.99 .....		8			8
\$12 to \$12.99 .....	23	2			25
\$13 to \$13.99 .....	35				35
\$14 to \$14.99 .....	9	3			12
\$15 to \$17.99 .....	79	1			80
\$18 to \$20.99 .....	23				23
\$21 to \$24.99 .....	153				153
\$25 and over.....	30				30
Totals .....	355	40	4	1	400

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	358	37	395
February .....	376	37	413
March .....	372	39	411
April .....	379	39	418
May .....	374	43	417
June .....	358	41	399
July .....	361	41	402
August .....	353	40	393
September .....	349	43	392
October .....	330	40	370
November .....	338	40	378
December .....	345	39	384

**TABLE No. 83. STOVES AND FURNACES (not including oil stoves).**  
(10 establishments reporting.)  
**The State.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	17	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	30	5
Under 18 years of age.....		
Totals .....	47	6
Wage earners:		
18 years of age and over.....	298	
Under 18 years of age.....	8	
Totals .....	306	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$37,689
Clerks, stenographers, salesmen, etc.....	41,679
Wage earners (including piece workers).....	250,634
Total .....	\$330,002

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	5		5		10
\$7 to \$7.99 .....			1		1
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	5		2		7
\$10 to \$10.99 .....	8				8
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	25				25
\$13 to \$13.99 .....	7				7
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	29				29
\$18 to \$20.99 .....	48				48
\$21 to \$24.99 .....	71				71
\$25 and over .....	99				99
Totals .....	298		8		306

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	292		292
February .....	276		276
March .....	282		282
April .....	271		271
May .....	274		274
June .....	284		284
July .....	280		280
August .....	270		270
September .....	256		256
October .....	297		297
November .....	319		319
December .....	315		315

TABLE No. 84. SUGAR REFINING.

(13 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	108	6
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	307	35
Under 18 years of age.....	3	
Totals .....	418	41
Wage earners:		
18 years of age and over .....	4,549	78
Under 18 years of age.....	12	3
Totals .....	4,561	81

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$461,659
Clerks, stenographers, salesmen, etc.....	372,104
Wage earners (including piece workers).....	2,633,477
Total .....	\$3,467,240

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....		30			30
\$7 to \$7.99.....	5	1	1		7
\$8 to \$8.99.....	2				2
\$9 to \$9.99.....	1	19		1	21
\$10 to \$10.99.....	14	5	1	2	22
\$11 to \$11.99.....	21	1	7		29
\$12 to \$12.99.....	143	19	1		163
\$13 to \$13.99.....	50	2	2		54
\$14 to \$14.99.....	273	1			274
\$15 to \$17.99.....	2,025				2,025
\$18 to \$20.99.....	845				845
\$21 to \$24.99.....	738				738
\$25 and over.....	432				432
Totals .....	4,549	78	12	3	4,642

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	1,599	34	1,633
February .....	1,720	46	1,766
March .....	1,874	52	1,926
April .....	1,925	55	1,980
May .....	1,945	59	2,004
June .....	2,240	65	2,305
July .....	2,720	66	2,786
August .....	4,207	64	4,271
September .....	4,743	77	4,820
October .....	4,698	88	4,786
November .....	3,291	75	3,366
December .....	2,089	66	2,155

**TABLE No. 85. TANNING.**  
(21 establishments reporting.)  
The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	53	---
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	41	15
Under 18 years of age.....	11	---
<b>Totals</b> .....	105	15
<b>Wage earners:</b>		
18 years of age and over.....	1,084	15
Under 18 years of age.....	12	2
<b>Totals</b> .....	1,096	17

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$139,109
Clerks, stenographers, salesmen, etc.....	52,727
Wage earners (including piece workers).....	808,940
<b>Total</b> .....	\$1,000,776

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....				1	1
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....	3	14	8		25
\$8 to \$8.99.....		1	1		2
\$9 to \$9.99.....	5		2	1	8
\$10 to \$10.99.....	18		1		19
\$11 to \$11.99.....	17				17
\$12 to \$12.99.....	184				184
\$13 to \$13.99.....	288				288
\$14 to \$14.99.....	100				100
\$15 to \$17.99.....	308				308
\$18 to \$20.99.....	78				78
\$21 to \$24.99.....	51				51
\$25 and over.....	32				32
<b>Totals</b> .....	1,084	15	12	2	1,113

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	1,189	16	1,205
February .....	1,168	15	1,183
March .....	1,147	3	1,150
April .....	1,087	16	1,103
May .....	1,005	11	1,016
June .....	967	13	980
July .....	998	11	1,009
August .....	1,076	4	1,080
September .....	1,087	9	1,096
October .....	1,080	14	1,094
November .....	1,081	15	1,096
December .....	1,087	16	1,103

TABLE No. 86. TOBACCO MANUFACTURES.

(71 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	36	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	167	47
Under 18 years of age.....	3	-----
Totals .....	206	47
Wage earners:		
18 years of age and over.....	628	289
Under 18 years of age.....	13	19
Totals .....	641	308

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$76,523
Clerks, stenographers, salesmen, etc.....	225,355
Wage earners (including piece workers).....	575,041
Total .....	\$876,919

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	1	1	1	-----	3
\$4 to \$4.99.....	-----	-----	-----	-----	-----
\$5 to \$5.99.....	13	29	1	1	44
\$6 to \$6.99.....	12	42	2	12	68
\$7 to \$7.99.....	22	39	1	2	64
\$8 to \$8.99.....	17	40	2	-----	59
\$9 to \$9.99.....	20	34	4	-----	58
\$10 to \$10.99.....	30	41	-----	4	75
\$11 to \$11.99.....	13	14	-----	-----	27
\$12 to \$12.99.....	33	19	1	-----	53
\$13 to \$13.99.....	30	7	-----	-----	37
\$14 to \$14.99.....	51	4	-----	-----	55
\$15 to \$17.99.....	143	6	-----	-----	149
\$18 to \$20.99.....	136	7	1	-----	144
\$21 to \$24.99.....	76	4	-----	-----	80
\$25 and over.....	31	2	-----	-----	33
Totals .....	628	289	13	19	949

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	643	335	978
February .....	625	311	936
March .....	644	307	951
April .....	554	293	847
May .....	628	307	935
June .....	639	309	948
July .....	594	287	881
August .....	592	292	884
September .....	607	310	917
October .....	633	306	939
November .....	641	317	958
December .....	613	299	912

**TABLE No. 87. TRUNKS, VALISES, ETC.**  
(9 establishments reporting.)  
**The State.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	8	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	15	5
Under 18 years of age.....	10	-----
<b>Totals .....</b>	<b>33</b>	<b>5</b>
<b>Wage earners:</b>		
18 years of age and over.....	103	18
Under 18 years of age.....	1	1
<b>Totals .....</b>	<b>104</b>	<b>19</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$11,130
Clerks, stenographers, salesmen, etc.....	26,520
Wage earners (including piece workers).....	84,988
<b>Total .....</b>	<b>\$122,638</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1	1			2
\$6 to \$6.99.....	2	1			3
\$7 to \$7.99.....	4	2	1		7
\$8 to \$8.99.....	1	4			5
\$9 to \$9.99.....	2	3			5
\$10 to \$10.99.....	3	5			8
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	7	1			8
\$13 to \$13.99.....	4	1			5
\$14 to \$14.99.....	6				6
\$15 to \$17.99.....	27				27
\$18 to \$20.99.....	31				31
\$21 to \$24.99.....	8				8
\$25 and over.....	5				5
<b>Totals .....</b>	<b>103</b>	<b>18</b>	<b>1</b>		<b>123</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	84	12	96
February .....	90	13	103
March .....	89	14	103
April .....	94	17	111
May .....	98	18	116
June .....	95	20	115
July .....	102	19	121
August .....	107	22	129
September .....	109	22	131
October .....	117	21	138
November .....	108	21	129
December .....	104	19	123

TABLE No. 88. WINDOW SHADES.

(11 establishments reporting.)  
The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	9	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	4	4
Under 18 years of age.....		
Totals .....	13	4
Wage earners:		
18 years of age and over.....	58	11
Under 18 years of age.....	1	
Totals .....	59	11
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$7,830
Clerks, stenographers, salesmen, etc.....		9,029
Wage earners (including piece workers).....		36,161
Total .....		\$53,020

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1	2			3
\$7 to \$7.99.....	1	3			4
\$8 to \$8.99.....	1	1			2
\$9 to \$9.99.....		3	1		4
\$10 to \$10.99.....	1	1			2
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	2	1			3
\$13 to \$13.99.....	4				4
\$14 to \$14.99.....	3				3
\$15 to \$17.99.....	12				12
\$18 to \$20.99.....	17				17
\$21 to \$21.99.....	12				12
\$25 and over.....	2				2
Totals .....	58	11	1		70

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	54	8	62
February .....	58	8	66
March .....	56	9	65
April .....	57	8	65
May .....	59	8	67
June .....	59	10	69
July .....	60	10	70
August .....	60	10	70
September .....	60	10	70
October .....	60	10	70
November .....	58	9	67
December .....	62	9	71

**TABLE No. 89. WIRE WORK (including Wire Rope, Netting, etc.).**  
 (12 establishments reporting.)  
 The State.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	23	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	38	8
Under 18 years of age.....		
<b>Totals</b> .....	<b>61</b>	<b>9</b>
<b>Wage earners:</b>		
18 years of age and over.....	199	
Under 18 years of age.....		
<b>Totals</b> .....	<b>199</b>	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$49,107
Clerks, stenographers, salesmen, etc.....		46,018
Wage earners (including piece workers).....		169,111
<b>Total</b> .....		<b>\$264,236</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....	13				13
\$8 to \$8.99 .....	4				4
\$9 to \$9.99 .....	14				14
\$10 to \$10.99 .....	10				10
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	6				6
\$13 to \$13.99 .....	22				22
\$14 to \$14.99 .....	4				4
\$15 to \$17.99 .....	40				40
\$18 to \$20.99 .....	41				41
\$21 to \$24.99 .....	27				27
\$25 and over.....	16				16
<b>Totals</b> .....	<b>199</b>				<b>199</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	226		226
<b>February</b> .....	197		197
<b>March</b> .....	225		225
<b>April</b> .....	211		211
<b>May</b> .....	191		191
<b>June</b> .....	192		192
<b>July</b> .....	180		180
<b>August</b> .....	179		179
<b>September</b> .....	181		181
<b>October</b> .....	192		192
<b>November</b> .....	192		192
<b>December</b> .....	201		201



TABLE No. 90. ALL OTHER INDUSTRIES.\*

(74 establishments reporting.)

The State.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	87	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	130	59
Under 18 years of age.....	1	-----
Totals .....	218	59
Wage earners:		
18 years of age and over.....	887	195
Under 18 years of age.....	25	24
Totals .....	912	219

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$231,362
Clerks, stenographers, salesmen, etc.....	272,579
Wage earners (including piece workers).....	786,929
Total .....	\$1,290,870

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	3	2	5	-----	10
\$4 to \$4.99.....	1	6	4	2	13
\$5 to \$5.99.....	7	19	5	2	33
\$6 to \$6.99.....	7	22	4	5	38
\$7 to \$7.99.....	11	36	5	4	56
\$8 to \$8.99.....	15	34	-----	4	53
\$9 to \$9.99.....	44	6	1	1	52
\$10 to \$10.99.....	40	19	-----	2	61
\$11 to \$11.99.....	31	9	-----	2	42
\$12 to \$12.99.....	87	24	-----	2	113
\$13 to \$13.99.....	61	1	1	-----	63
\$14 to \$14.99.....	24	9	-----	-----	33
\$15 to \$17.99.....	133	7	-----	-----	140
\$18 to \$20.99.....	137	1	-----	-----	138
\$21 to \$24.99.....	192	-----	-----	-----	192
\$25 and over.....	94	-----	-----	-----	94
Totals .....	887	195	25	24	1,131

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	1,129	214	1,343
February .....	1,152	203	1,355
March .....	1,157	196	1,353
April .....	1,173	199	1,372
May .....	1,175	201	1,376
June .....	1,168	195	1,363
July .....	1,160	118	1,278
August .....	1,199	204	1,403
September .....	1,221	224	1,445
October .....	1,245	250	1,495
November .....	1,249	254	1,503
December .....	1,271	246	1,517

\*See note on following page.

**INDUSTRIES AND NUMBER OF ESTABLISHMENTS INCLUDED IN TABLE  
No. 90, "ALL OTHER INDUSTRIES."**

**The State.**

Aeroplanes and air craft.....	1	Motion picture films, etc.....	1
Beehives and supplies.....	8	Musical instruments, pianos, etc. ....	3
Beds, wall .....	1	Nautical, surveying instru- ments and supplies.....	2
Belting, canvas .....	1	Patterns, wood and metal.....	8
Boiler compounds, packing, etc. ....	1	Pennants and novelties.....	1
Bottling, beer .....	1	Plumbers' supplies, bath tubs, etc. ....	3
Cocoanut oil and cake.....	2	Polish and cleaning fluids....	3
Cordage .....	1	Registers and calculating machines .....	2
Cutlery, knives, etc.....	1	Rug weaving .....	4
Display fixtures, wax, etc.....	2	Shoddy, wool .....	1
Fireworks .....	1	Sidewalk lights and doors....	2
Flavoring extracts and per- fumes .....	1	Surgical appliances, etc.....	6
Galvanizing and electroplat- ing .....	3	Sweeping compounds, etc.....	1
Gloves, canvas .....	1	Theatrical scenery .....	1
Inks and paste.....	3	Toys .....	1
Laboratory supplies .....	2	Tricycles and supplies.....	1
Ladders and rolling board partitions .....	1	Typewriter supplies .....	2
Lamps, incandescent .....	1	Vending machines .....	1
Linen goods, table cloths, etc.	1	Woolen cloth manufacturing	1
Metal specialties, etc.....	2		

**TABLE No. 1. ALL INDUSTRIES (TOTAL).**

(699 establishments reporting.)

San Francisco.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	1,262	29
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	3,081	979
Under 18 years of age.....	70	18
<b>Totals .....</b>	<b>4,413</b>	<b>1,026</b>
<b>Wage earners:</b>		
18 years of age and over.....	17,388	6,083
Under 18 years of age.....	382	265
<b>Totals .....</b>	<b>17,770</b>	<b>6,348</b>

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$3,528,177
Clerks, stenographers, salesmen, etc.....	4,569,332
Wage earners (including piece workers).....	17,559,119
<b>Total .....</b>	<b>\$25,656,628</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	6	41	15	-----	62
\$4 to \$4.99.....	18	49	39	15	121
\$5 to \$5.99.....	80	186	109	48	423
\$6 to \$6.99.....	165	709	87	106	1,167
\$7 to \$7.99.....	345	759	63	54	1,221
\$8 to \$8.99.....	265	964	20	27	1,276
\$9 to \$9.99.....	522	954	21	5	1,502
\$10 to \$10.99.....	596	806	19	10	1,431
\$11 to \$11.99.....	661	446	4	-----	1,111
\$12 to \$12.99.....	1,482	482	3	-----	1,967
\$13 to \$13.99.....	1,346	196	-----	-----	1,542
\$14 to \$14.99.....	810	120	-----	-----	930
\$15 to \$17.99.....	2,699	231	2	-----	2,932
\$18 to \$20.99.....	2,777	88	-----	-----	2,865
\$21 to \$24.99.....	2,785	26	-----	-----	2,811
\$25 and over.....	2,831	26	-----	-----	2,857
<b>Totals .....</b>	<b>17,388</b>	<b>6,083</b>	<b>382</b>	<b>265</b>	<b>24,118</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	15,916	5,039	20,955
February .....	16,582	5,196	21,778
March .....	15,840	5,296	21,136
April .....	16,400	5,728	22,128
May .....	15,788	5,572	21,360
June .....	16,120	5,840	21,966
July .....	16,035	6,151	22,186
August .....	16,701	6,382	23,083
September .....	17,452	6,198	23,650
October .....	17,760	6,148	23,908
November .....	17,855	5,778	23,633
December .....	17,810	5,783	23,593

**TABLE No. 3. ARTIFICIAL STONE, CLAY AND CONCRETE PRODUCTS.**  
(3 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	1	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	1	
Under 18 years of age.....		
Totals.....	2	
Wage earners:		
18 years of age and over.....	13	
Under 18 years of age.....	1	
Totals.....	14	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$1,000
Clerks, stenographers, salesmen, etc.....	490
Wage earners (including piece workers).....	18,527
Total.....	\$20,017

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....			1		1
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....					
\$13 to \$13.99.....					
\$14 to \$14.99.....	2				2
\$15 to \$17.99.....	3				3
\$18 to \$20.99.....	2				2
\$21 to \$24.99.....	1				1
\$25 and over.....	5				5
Totals.....	13		1		14

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	20		20
February.....	20		20
March.....	20		20
April.....	16		16
May.....	16		16
June.....	17		17
July.....	18		18
August.....	18		18
September.....	18		18
October.....	20		20
November.....	18		18
December.....	14		14

**TABLE No. 4. AUTOMOBILES (including bodies and parts).**  
 (10 establishments reporting.)  
**San Francisco.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	18	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	5	9
Under 18 years of age.....		
<b>Totals</b> .....	<b>23</b>	<b>10</b>
<b>Wage earners:</b>		
18 years of age and over.....	124	
Under 18 years of age.....	1	
<b>Totals</b> .....	<b>125</b>	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$32,829
Clerks, stenographers, salesmen, etc.....	8,802
Wage earners (including piece workers).....	96,766
<b>Total</b> .....	<b>\$138,397</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	2		1		3
\$7 to \$7.99.....	5				5
\$8 to \$8.99.....	2				2
\$9 to \$9.99.....	6				6
\$10 to \$10.99.....	3				3
\$11 to \$11.99.....					
\$12 to \$12.99.....	13				13
\$13 to \$13.99.....	2				2
\$14 to \$14.99.....					
\$15 to \$17.99.....	20				20
\$18 to \$20.99.....	24				24
\$21 to \$24.99.....	28				28
\$25 and over.....	19				19
<b>Totals</b> .....	<b>124</b>		<b>1</b>		<b>125</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	101		101
February.....	111		111
March.....	112		112
April.....	118		118
May.....	121		121
June.....	113		113
July.....	117		117
August.....	114		114
September.....	119		119
October.....	118		118
November.....	127		127
December.....	128		128

TABLE No. 5. AWNINGS, TENTS AND SAILS.

(5 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	8	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	3	5
Under 18 years of age.....		
Totals .....	11	6
Wage earners:		
18 years of age and over.....	31	15
Under 18 years of age.....	1	
Totals .....	32	15

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$4,800
Clerks, stenographers, salesmen, etc.....	7,474
Wage earners (including piece workers).....	36,673
Total .....	\$48,947

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....		1			1
\$9 to \$9.99.....	2	4	1		7
\$10 to \$10.99.....	1	3			4
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....	1	6			7
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	4	1			5
\$18 to \$20.99.....	3				3
\$21 to \$24.99.....	2				2
\$25 and over.....	17				17
Totals .....	31	15	1		47

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	25	15	40
February .....	29	16	45
March .....	27	17	44
April .....	34	19	53
May .....	35	19	54
June .....	32	19	51
July .....	30	18	48
August .....	31	19	50
September .....	33	19	52
October .....	37	16	53
November .....	36	17	53
December .....	31	16	47

TABLE No. 7. BAGS, OTHER THAN PAPER.

(4 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	12	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	28	13
Under 18 years of age.....		
Totals .....	40	13
Wage earners:		
18 years of age and over.....	138	220
Under 18 years of age.....	4	21
Totals .....	142	241

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$52,405
Clerks, stenographers, salesmen, etc.....	56,342
Wage earners (including piece workers).....	205,402
Total .....	\$314,149

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1	31	1	13	46
\$7 to \$7.99.....	4	45	2	5	56
\$8 to \$8.99.....	4	34		2	40
\$9 to \$9.99.....	4	25	1	1	31
\$10 to \$10.99.....	9	49			58
\$11 to \$11.99.....	3	12			15
\$12 to \$12.99.....	15	11			26
\$13 to \$13.99.....	11	9			20
\$14 to \$14.99.....	2	1			3
\$15 to \$17.99.....	28	2			30
\$18 to \$20.99.....	30				30
\$21 to \$24.99.....	22	1			23
\$25 and over.....	5				5
Totals .....	138	220	4	21	383

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	159	137	296
February .....	144	165	309
March .....	134	214	348
April .....	159	295	454
May .....	152	262	414
June .....	182	344	526
July .....	159	320	479
August .....	161	260	421
September .....	142	254	396
October .....	144	247	391
November .....	125	187	312
December .....	125	140	265

**TABLE No. 8. BAKERY PRODUCTS.**  
(29 establishments reporting.)  
**San Francisco.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	47	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	201	29
Under 18 years of age.....	-----	1
<b>Totals .....</b>	<b>248</b>	<b>30</b>
<b>Wage earners:</b>		
18 years of age and over.....	526	357
Under 18 years of age.....	13	16
<b>Totals .....</b>	<b>539</b>	<b>373</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$151,355
Clerks, stenographers, salesmen, etc.....	245,680
Wage earners (including piece workers).....	585,934
<b>Total .....</b>	<b>\$982,969</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	-----	-----	-----	-----
\$4 to \$4.99.....	-----	-----	12	12	24
\$5 to \$5.99.....	15	13	-----	-----	28
\$6 to \$6.99.....	3	59	1	4	67
\$7 to \$7.99.....	41	56	-----	-----	97
\$8 to \$8.99.....	18	28	-----	-----	46
\$9 to \$9.99.....	17	113	-----	-----	130
\$10 to \$10.99.....	29	49	-----	-----	78
\$11 to \$11.99.....	14	7	-----	-----	21
\$12 to \$12.99.....	24	11	-----	-----	35
\$13 to \$13.99.....	15	7	-----	-----	22
\$14 to \$14.99.....	13	-----	-----	-----	13
\$15 to \$17.99.....	74	12	-----	-----	86
\$18 to \$20.99.....	111	2	-----	-----	113
\$21 to \$24.99.....	99	-----	-----	-----	99
\$25 and over.....	53	-----	-----	-----	53
<b>Totals .....</b>	<b>526</b>	<b>357</b>	<b>13</b>	<b>16</b>	<b>912</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January .....</b>	520	368	888
<b>February .....</b>	522	356	878
<b>March .....</b>	532	367	899
<b>April .....</b>	527	365	892
<b>May .....</b>	517	361	878
<b>June .....</b>	512	364	876
<b>July .....</b>	503	356	859
<b>August .....</b>	526	350	876
<b>September .....</b>	533	357	890
<b>October .....</b>	533	370	903
<b>November .....</b>	539	380	919
<b>December .....</b>	539	376	915



**TABLE No. 10. BASKETS, FRUIT AND BERRY, ETC.**

(3 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	-----	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	-----	-----
Under 18 years of age.....	-----	-----
Totals .....	-----	-----
Wage earners:		
18 years of age and over.....	3	3
Under 18 years of age.....	-----	2
Totals .....	3	5

Salary and wage payments—annual:	
Officers, superintendents and managers.....	-----
Clerks, stenographers, salesmen, etc.....	-----
Wage earners (including piece workers).....	\$2,925
Total .....	\$2,925

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....		1			1
\$6 to \$6.99 .....				2	2
\$7 to \$7.99 .....		1			1
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....					
\$10 to \$10.99 .....		1			1
\$11 to \$11.99 .....					
\$12 to \$12.99 .....					
\$13 to \$13.99 .....					
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	2				2
\$18 to \$20.99 .....					
\$21 to \$24.99 .....					
\$25 and over.....					
Totals .....	3	3		2	8

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	2	5	7
February .....	3	5	8
March .....	4	6	10
April .....	4	6	10
May .....	3	7	10
June .....	3	8	11
July .....	2	9	11
August .....	2	9	11
September .....	2	6	8
October .....	2	5	7
November .....	2	4	6
December .....	2	5	7

TABLE No. 11. BOILERS AND TANKS.

(8 establishments reporting.)

San Francisco.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	16	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	6	4
Under 18 years of age.....		
<b>Totals .....</b>	<b>22</b>	<b>4</b>
<b>Wage earners:</b>		
18 years of age and over.....	121	
Under 18 years of age.....		
<b>Totals .....</b>	<b>121</b>	

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$32,197
Clerks, stenographers, salesmen, etc.....	10,537
Wage earners (including piece workers).....	124,459
<b>Total .....</b>	<b>\$167,193</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1				1
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....	2				2
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	4				4
\$10 to \$10.99 .....	2				2
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	2				2
\$13 to \$13.99 .....					
\$14 to \$14.99 .....	9				9
\$15 to \$17.99 .....	25				25
\$18 to \$20.99 .....	14				14
\$21 to \$24.99 .....	40				40
\$25 and over.....	21				21
<b>Totals .....</b>	<b>121</b>				<b>121</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January .....</b>	131		131
<b>February .....</b>	130		130
<b>March .....</b>	143		143
<b>April .....</b>	145		145
<b>May .....</b>	169		169
<b>June .....</b>	112		112
<b>July .....</b>	91		91
<b>August .....</b>	90		90
<b>September .....</b>	88		88
<b>October .....</b>	109		109
<b>November .....</b>	121		121
<b>December .....</b>	100		100

TABLE No. 12. BOOTS AND SHOES.

(4 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	9	
Clerks, stenographers, salesmen, etc.:.....	22	11
18 years of age and over.....		
Under 18 years of age.....		
Totals .....	31	11
Wage earners:		
18 years of age and over.....	216	86
Under 18 years of age.....	5	
Totals .....	221	86

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$22,495
Clerks, stenographers, salesmen, etc.....	29,320
Wage earners (including piece workers).....	165,558
Total .....	\$217,373

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....		2	1		3
\$6 to \$6.99.....	6	11	1		18
\$7 to \$7.99.....	5	8	1		14
\$8 to \$8.99.....	3	15	1		19
\$9 to \$9.99.....	21	7			28
\$10 to \$10.99.....	8	13	1		22
\$11 to \$11.99.....	5	7			12
\$12 to \$12.99.....	13	10			23
\$13 to \$13.99.....	16	7			23
\$14 to \$14.99.....	6				6
\$15 to \$17.99.....	56	4			60
\$18 to \$20.99.....	50	2			52
\$21 to \$24.99.....	17				17
\$25 and over.....	10				10
Totals .....	216	86	5		307

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	160	71	231
February .....	164	66	230
March .....	163	68	231
April .....	167	67	234
May .....	175	70	245
June .....	170	69	239
July .....	162	66	228
August .....	203	79	282
September .....	205	84	289
October .....	219	91	310
November .....	222	90	312
December .....	221	86	307

TABLE No. 13. BOXES, BAGS, CARTONS, ETC., PAPER.

(9 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	24	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	20	8
Under 18 years of age.....	-----	-----
Totals.....	44	8
Wage earners:		
18 years of age and over.....	115	168
Under 18 years of age.....	3	32
Totals.....	118	200

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$49,703
Clerks, stenographers, salesmen, etc.....	26,684
Wage earners (including piece workers).....	127,350
Total.....	\$203,737

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....				1	1
\$4 to \$4.99.....				14	34
\$5 to \$5.99.....		19	1	6	57
\$6 to \$6.99.....	2	47	2	3	42
\$7 to \$7.99.....	2	37	-----	4	19
\$8 to \$8.99.....	1	14	-----	2	29
\$9 to \$9.99.....	7	20	-----	2	25
\$10 to \$10.99.....	5	18	-----	-----	5
\$11 to \$11.99.....	1	4	-----	-----	27
\$12 to \$12.99.....	21	6	-----	-----	10
\$13 to \$13.99.....	8	2	-----	-----	4
\$14 to \$14.99.....	4	-----	-----	-----	27
\$15 to \$17.99.....	26	1	-----	-----	24
\$18 to \$20.99.....	24	-----	-----	-----	7
\$21 to \$24.99.....	7	-----	-----	-----	7
\$25 and over.....	7	-----	-----	-----	-----
Totals.....	115	168	3	32	318

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	109	176	285
February.....	109	172	281
March.....	108	181	289
April.....	107	167	274
May.....	109	161	270
June.....	107	148	255
July.....	110	153	263
August.....	105	171	276
September.....	112	176	288
October.....	116	193	309
November.....	118	200	318
December.....	117	204	321

TABLE No. 14. BOXES, WOOD.

(5 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	13	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	20	5
Under 18 years of age.....	-----	-----
Totals .....	33	5
Wage earners:		
18 years of age and over.....	259	17
Under 18 years of age.....	5	-----
Totals .....	264	17

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$37,636
Clerks, stenographers, salesmen, etc.....	25,141
Wage earners (including piece workers).....	177,573
Total .....	\$240,350

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					1
\$4 to \$4.99 .....	1	-----	-----	-----	1
\$5 to \$5.99 .....	-----	-----	1	-----	1
\$6 to \$6.99 .....	2	1	4	-----	7
\$7 to \$7.99 .....	6	-----	-----	-----	6
\$8 to \$8.99 .....	15	2	-----	-----	17
\$9 to \$9.99 .....	16	7	-----	-----	23
\$10 to \$10.99 .....	15	3	-----	-----	18
\$11 to \$11.99 .....	42	2	-----	-----	44
\$12 to \$12.99 .....	2	1	-----	-----	3
\$13 to \$13.99 .....	6	-----	-----	-----	6
\$14 to \$14.99 .....	54	1	-----	-----	55
\$15 to \$17.99 .....	53	-----	-----	-----	53
\$18 to \$20.99 .....	20	-----	-----	-----	20
\$21 to \$24.99 .....	7	-----	-----	-----	7
\$25 and over.....	20	-----	-----	-----	20
Totals .....	259	17	5	-----	281

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	269	20	289
February .....	253	20	273
March .....	259	19	278
April .....	267	18	285
May .....	255	18	273
June .....	256	18	274
July .....	269	15	284
August .....	264	16	280
September .....	272	16	288
October .....	283	15	298
November .....	274	15	289
December .....	271	16	287

TABLE No. 15. BRASS, BRONZE AND COPPER PRODUCTS.

(9 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	17	4
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	14	3
Under 18 years of age.....	1	
Totals .....	32	7
Wage earners:		
18 years of age and over.....	151	
Under 18 years of age.....		
Totals .....	151	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$42,841
Clerks, stenographers, salesmen, etc.....	14,821
Wage earners (including piece workers).....	135,773
Total .....	\$193,435

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1				1
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....	1				1
\$8 to \$8.99.....					
\$9 to \$9.99.....	4				4
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	4				4
\$13 to \$13.99.....	4				4
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	20				20
\$18 to \$20.99.....	19				19
\$21 to \$24.99.....	53				53
\$25 and over.....	43				43
Totals .....	151				151

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	130		130
February .....	140		140
March .....	137		137
April .....	145		145
May .....	135		135
June .....	131		131
July .....	136		136
August .....	135		135
September .....	132		132
October .....	131		131
November .....	164		164
December .....	151		151

TABLE No. 17. BROOMS AND BRUSHES.

(3 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	1	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....		
Under 18 years of age.....		
Totals .....	1	
Wage earners:		
18 years of age and over.....	23	
Under 18 years of age.....		
Totals .....	23	

## Salary and wage payments—annual:

Officers, superintendents and managers..... \$420

Clerks, stenographers, salesmen, etc. .... 10,900

Wage earners (including piece workers).....

Total ..... \$11,320

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....	10				10
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	6				6
\$13 to \$13.99 .....	2				2
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	1				1
\$18 to \$20.99 .....	2				2
\$21 to \$24.99 .....	1				1
\$25 and over .....					
Totals .....	23				23

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	23		23
February .....	23		23
March .....	23		23
April .....	23		23
May .....	23		23
June .....	23		23
July .....	23		23
August .....	23		23
September .....	23		23
October .....	23		23
November .....	23		23
December .....	23		23

**TABLE No. 18. BUTTER, CHEESE AND CONDENSED MILK.**  
(5 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	15	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	53	22
Under 18 years of age.....	1	-----
Totals .....	69	22
Wage earners:		
18 years of age and over.....	154	6
Under 18 years of age.....	-----	-----
Totals .....	154	6

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$32,530
Clerks, stenographers, salesmen, etc.....	80,910
Wage earners (including piece workers).....	157,584
Total .....	\$271,024

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	-----	-----	-----	-----	-----
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5 to \$5.99 .....	-----	-----	-----	-----	-----
\$6 to \$6.99 .....	-----	-----	-----	-----	-----
\$7 to \$7.99 .....	-----	-----	-----	-----	-----
\$8 to \$8.99 .....	-----	1	-----	-----	1
\$9 to \$9.99 .....	-----	-----	-----	-----	-----
\$10 to \$10.99 .....	-----	-----	-----	-----	-----
\$11 to \$11.99 .....	-----	4	-----	-----	4
\$12 to \$12.99 .....	-----	-----	-----	-----	-----
\$13 to \$13.99 .....	-----	1	-----	-----	1
\$14 to \$14.99 .....	-----	-----	-----	-----	-----
\$15 to \$17.99 .....	25	-----	-----	-----	25
\$18 to \$20.99 .....	33	-----	-----	-----	33
\$21 to \$24.99 .....	63	-----	-----	-----	63
\$25 and over.....	33	-----	-----	-----	33
Totals .....	154	6	-----	-----	160

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	151	6	157
February .....	147	6	153
March .....	152	6	158
April .....	153	8	161
May .....	153	11	164
June .....	145	8	153
July .....	143	8	151
August .....	145	8	153
September .....	144	8	152
October .....	145	8	153
November .....	145	7	152
December .....	146	7	153



**TABLE No. 19. CANS, TIN.**(7 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	11	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	17	11
Under 18 years of age.....	-----	-----
Totals .....	28	11
Wage earners:		
18 years of age and over.....	784	97
Under 18 years of age.....	8	4
Totals .....	792	101

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$27,837
Clerks, stenographers, salesmen, etc.....	24,282
Wage earners (including piece workers).....	540,714
Total .....	\$592,833

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	-----	-----	-----	-----
\$4 to \$4.99.....	-----	-----	-----	-----	-----
\$5 to \$5.99.....	2	1	-----	-----	3
\$6 to \$6.99.....	6	13	3	2	24
\$7 to \$7.99.....	40	17	4	2	63
\$8 to \$8.99.....	24	13	-----	-----	37
\$9 to \$9.99.....	89	19	1	-----	109
\$10 to \$10.99.....	122	17	-----	-----	139
\$11 to \$11.99.....	22	6	-----	-----	28
\$12 to \$12.99.....	106	2	-----	-----	108
\$13 to \$13.99.....	79	3	-----	-----	82
\$14 to \$14.99.....	32	3	-----	-----	35
\$15 to \$17.99.....	114	3	-----	-----	117
\$18 to \$20.99.....	47	-----	-----	-----	47
\$21 to \$24.99.....	69	-----	-----	-----	69
\$25 and over.....	32	-----	-----	-----	32
Totals .....	784	97	8	4	893

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	585	107	692
February .....	734	106	840
March .....	786	107	893
April .....	783	99	882
May .....	802	109	911
June .....	804	108	912
July .....	763	100	863
August .....	767	102	869
September .....	777	103	880
October .....	686	95	781
November .....	690	89	779
December .....	676	89	765

TABLE No. 21. CANNING AND PRESERVING OF FRUITS AND VEGETABLES.

(6 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	34	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	209	35
Under 18 years of age.....		
Totals .....	243	36
Wage earners:		
18 years of age and over.....	410	740
Under 18 years of age.....	2	19
Totals .....	412	759
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$122,688
Clerks, stenographers, salesmen, etc.....		309,647
Wage earners (including piece workers).....		361,198
Total .....		\$793,533

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		15			15
\$4 to \$4.99.....	1	20			21
\$5 to \$5.99.....		35		3	38
\$6 to \$6.99.....		126		6	132
\$7 to \$7.99.....		171	1	8	180
\$8 to \$8.99.....	1	71	1	1	74
\$9 to \$9.99.....	13	86			99
\$10 to \$10.99.....	35	41		1	77
\$11 to \$11.99.....	44	59			103
\$12 to \$12.99.....	84	54			138
\$13 to \$13.99.....	55	26			81
\$14 to \$14.99.....	43	18			61
\$15 to \$17.99.....	78	15			93
\$18 to \$20.99.....	37	3			40
\$21 to \$24.99.....	10				10
\$25 and over.....	9				9
Totals .....	410	740	2	19	1,171

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	166	54	220
February .....	167	75	242
March .....	172	46	218
April .....	216	466	682
May .....	216	445	661
June .....	261	584	845
July .....	416	812	1,228
August .....	451	959	1,410
September .....	452	611	1,063
October .....	408	351	759
November .....	252	119	371
December .....	215	198	413

**TABLE No. 22. CARBONATED BEVERAGES.**

(4 establishments reporting.)

**San Francisco.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	3	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	9	1
Under 18 years of age.....	-----	-----
Totals .....	12	1
Wage earners:		
18 years of age and over.....	9	-----
Under 18 years of age.....	2	-----
Totals .....	11	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$3,760
Clerks, stenographers, salesmen, etc.....	11,280
Wage earners (including piece workers).....	10,317
Total .....	\$25,357

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....			1		1
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....	1				1
\$11 to \$11.99.....			1		1
\$12 to \$12.99.....					
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	2				2
\$18 to \$20.99.....	3				3
\$21 to \$24.99.....	2				2
\$25 and over.....	1				1
Totals .....	9		2		11

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	11	-----	11
February .....	11	-----	11
March .....	11	-----	11
April .....	11	-----	11
May .....	11	-----	11
June .....	11	-----	11
July .....	11	-----	11
August .....	11	-----	11
September .....	12	-----	12
October .....	12	-----	12
November .....	11	-----	11
December .....	11	-----	11

TABLE No. 23. CARRIAGES, WAGONS AND MATERIALS.

(3 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	3	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	1	
Under 18 years of age.....		
Totals .....	4	
Wage earners:		
18 years of age and over.....	28	
Under 18 years of age.....	3	
Totals .....	31	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$5,700
Clerks, stenographers, salesmen, etc.....		883
Wage earners (including piece workers).....		23,653
Total .....		\$30,236

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....			1		1
\$10 to \$10.99.....			1		1
\$11 to \$11.99.....			1		1
\$12 to \$12.99.....					
\$13 to \$13.99.....					
\$14 to \$14.99.....	3				3
\$15 to \$17.99.....	5				5
\$18 to \$20.99.....	10				10
\$21 to \$24.99.....	5				5
\$25 and over.....	5				5
Totals .....	28		3		31

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	28		28
February .....	31		31
March .....	34		34
April .....	35		35
May .....	34		34
June .....	31		31
July .....	30		30
August .....	30		30
September .....	32		32
October .....	32		32
November .....	27		27
December .....	24		24

**TABLE No. 24. CASKETS AND UNDERTAKERS' SUPPLIES.**

(4 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	11	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	14	5
Under 18 years of age.....		
Totals .....	25	5
Wage earners:		
18 years of age and over.....	48	16
Under 18 years of age.....	1	1
Totals .....	49	17
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$22,130
Clerks, stenographers, salesmen, etc.....		24,198
Wage earners (including piece workers).....		47,240
Totals .....		\$93,568

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....				1	1
\$6 to \$6.99 .....	1	1			2
\$7 to \$7.99 .....		1			1
\$8 to \$8.99 .....		2	1		3
\$9 to \$9.99 .....	1	5			6
\$10 to \$10.99 .....	1				1
\$11 to \$11.99 .....		1			1
\$12 to \$12.99 .....	2	1			3
\$13 to \$13.99 .....	2				2
\$14 to \$14.99 .....	3	1			4
\$15 to \$17.99 .....	7	2			9
\$18 to \$20.99 .....	12	1			13
\$21 to \$24.99 .....	14	1			15
\$25 and over.....	5				5
Totals .....	48	16	1	1	66

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	49	17	66
February .....	49	18	67
March .....	50	15	65
April .....	52	17	69
May .....	52	16	68
June .....	54	15	69
July .....	49	16	65
August .....	49	16	65
September .....	53	16	69
October .....	54	16	70
November .....	52	16	68
December .....	49	16	65

**TABLE No. 26. CHEMICALS (including chemical fertilizers).**  
 (6 establishments reporting.)  
 San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	11	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	5	3
Under 18 years of age.....		
Totals .....	16	3
Wage earners:		
18 years of age and over.....	73	
Under 18 years of age.....		
Totals .....	73	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$20,340
Clerks, stenographers, salesmen, etc.....	7,470
Wage earners (including piece workers).....	56,680
Total .....	\$84,490

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$7.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....	1				1
\$10 to \$10.99.....	1				1
\$11 to \$11.99.....					
\$12 to \$12.99.....	16				16
\$13 to \$13.99.....	6				6
\$14 to \$14.99.....	26				26
\$15 to \$17.99.....	11				11
\$18 to \$20.99.....	6				6
\$21 to \$24.99.....	5				5
\$25 and over.....	1				1
Totals .....	73				73

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	72		72
February .....	72		72
March .....	77		77
April .....	70		70
May .....	66		66
June .....	71		71
July .....	65		65
August .....	65		65
September .....	68		68
October .....	68		68
November .....	66		66
December .....	72		72

**TABLE No. 27. CLOTHING, MEN'S.**

(12 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	18	3
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	58	21
Under 18 years of age.....		
Totals .....	76	24
Wage earners:		
18 years of age and over.....	143	757
Under 18 years of age.....	2	24
Totals .....	145	781
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$57,868
Clerks, stenographers, salesmen, etc.....		92,242
Wage earners (including piece workers).....		435,085
Total .....		\$585,195

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		7			7
\$4 to \$4.99.....		10			10
\$5 to \$5.99.....		16		5	21
\$6 to \$6.99.....	4	34		12	50
\$7 to \$7.99.....	2	67	2	3	74
\$8 to \$8.99.....	2	95		3	100
\$9 to \$9.99.....	6	97			103
\$10 to \$10.99.....	8	100		1	109
\$11 to \$11.99.....	2	84			86
\$12 to \$12.99.....	9	91			100
\$13 to \$13.99.....	10	46			56
\$14 to \$14.99.....	3	31			34
\$15 to \$17.99.....	18	44			62
\$18 to \$20.99.....	21	29			50
\$21 to \$24.99.....	45	5			50
\$25 and over.....	13	1			14
Totals .....	143	757	2	24	926

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	125	710	835
February.....	132	740	872
March.....	134	733	867
April.....	132	710	842
May.....	130	715	845
June.....	128	722	850
July.....	138	738	876
August.....	137	755	892
September.....	139	751	890
October.....	140	765	905
November.....	139	780	919
December.....	141	782	923

TABLE No. 28. CLOTHING, WOMEN'S.

(14 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	16	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	33	20
Under 18 years of age.....	4	7
Totals .....	53	29
Wage earners:		
18 years of age and over.....	81	240
Under 18 years of age.....	5	8
Totals .....	86	248

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$38,140
Clerks, stenographers, salesmen, etc.....	40,004
Wage earners (including piece workers).....	149,273
Total .....	\$227,417

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	3	15			18
\$4 to \$4.99 .....	1	14			15
\$5 to \$5.99 .....	1	8		1	10
\$6 to \$6.99 .....	5	22	3	6	36
\$7 to \$7.99 .....	8	28		1	37
\$8 to \$8.99 .....	4	29	1		34
\$9 to \$9.99 .....	2	32			34
\$10 to \$10.99 .....	14	19	1		34
\$11 to \$11.99 .....	2	9			11
\$12 to \$12.99 .....	2	23			25
\$13 to \$13.99 .....	2	6			8
\$14 to \$14.99 .....		10			10
\$15 to \$17.99 .....	3	16			19
\$18 to \$20.99 .....	7	4			11
\$21 to \$24.99 .....	7	1			8
\$25 and over.....	20	4			24
Totals .....	81	240	5	8	334

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	67	201	268
February .....	74	210	284
March .....	85	241	326
April .....	75	232	307
May .....	69	216	285
June .....	73	224	297
July .....	81	232	313
August .....	80	234	314
September .....	86	252	338
October .....	89	258	347
November .....	82	244	326
December .....	79	229	308



**TABLE No. 29. COFFEE AND SPICE, ROASTING AND GRINDING.**

(12 establishments reporting.)

**San Francisco.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	40	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	283	113
Under 18 years of age.....		
<b>Totals</b> .....	323	113
<b>Wage earners:</b>		
18 years of age and over.....	163	114
Under 18 years of age.....	2	1
<b>Totals</b> .....	165	115

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$137,492
Clerks, stenographers, salesmen, etc.....	47,576
Wage earners (including piece workers).....	189,665
<b>Total</b> .....	\$797,733

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$1.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1	1			2
\$6 to \$6.99.....	2	16		1	19
\$7 to \$7.99.....		26	2		28
\$8 to \$8.99.....	3	15			18
\$9 to \$9.99.....	4	38			42
\$10 to \$10.99.....	12	9			21
\$11 to \$11.99.....	10	6			16
\$12 to \$12.99.....	6	1			7
\$13 to \$13.99.....	6				6
\$14 to \$14.99.....	11	1			12
\$15 to \$17.99.....	31	1			32
\$18 to \$20.99.....	33				33
\$21 to \$24.99.....	24				24
\$25 and over.....	20				20
<b>Totals</b> .....	163	114	2	1	280

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	168	107	275
February.....	165	106	271
March.....	170	115	285
April.....	164	114	278
May.....	164	112	276
June.....	167	119	286
July.....	172	126	298
August.....	173	119	292
September.....	165	114	279
October.....	173	123	296
November.....	172	121	293
December.....	160	112	272

TABLE No. 30. CONFECTIONERY.

(14 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	29	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	67	14
Under 18 years of age.....		
Totals.....	96	14
Wage earners:		
18 years of age and over.....	294	489
Under 18 years of age.....	2	2
Totals.....	296	491

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$80,723
Clerks, stenographers, salesmen, etc.....	77,087
Wage earners (including piece workers).....	323,820
Total.....	\$481,630

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		2			2
\$4 to \$4.99.....		1			1
\$5 to \$5.99.....	12	52			64
\$6 to \$6.99.....	31	156			187
\$7 to \$7.99.....	20	82	1	2	105
\$8 to \$8.99.....	12	64			76
\$9 to \$9.99.....	12	44	1		57
\$10 to \$10.99.....	25	38			63
\$11 to \$11.99.....	23	11			34
\$12 to \$12.99.....	22	24			46
\$13 to \$13.99.....	18	7			25
\$14 to \$14.99.....	18	1			19
\$15 to \$17.99.....	46	6			52
\$18 to \$20.99.....	26	1			27
\$21 to \$24.99.....	14				14
\$25 and over.....	15				15
Totals.....	294	489	2	2	787

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	243	325	568
February.....	260	329	589
March.....	265	351	616
April.....	275	349	624
May.....	268	337	605
June.....	263	351	614
July.....	263	331	594
August.....	274	343	617
September.....	264	372	636
October.....	303	451	754
November.....	319	438	757
December.....	291	566	857

**TABLE No. 31. COOPERAGE AND WOODEN GOODS NOT ELSEWHERE SPECIFIED.**

(9 establishments reporting.)

San Francisco.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	19	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	10	5
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	29	5
<b>Wage earners:</b>		
18 years of age and over.....	141	42
Under 18 years of age.....	3	-----
<b>Totals</b> .....	144	42

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$31,990
Clerks, stenographers, salesmen, etc.....	20,164
Wage earners (including piece workers).....	121,897
<b>Total</b> .....	\$174,051

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....		1			1
\$7 to \$7.99.....		14			14
\$8 to \$8.99.....	1	10			11
\$9 to \$9.99.....	2	5			7
\$10 to \$10.99.....			1		1
\$11 to \$11.99.....		5			5
\$12 to \$12.99.....	13	3	2		18
\$13 to \$13.99.....	38	2			40
\$14 to \$14.99.....	2	2			4
\$15 to \$17.99.....	19				19
\$18 to \$20.99.....	12				12
\$21 to \$24.99.....	46				46
\$25 and over.....	8				8
<b>Totals</b> .....	141	42	3		186

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	137	47	184
February .....	139	73	212
March .....	177	82	259
April .....	129	104	233
May .....	121	100	221
June .....	119	98	217
July .....	134	112	246
August .....	124	89	213
September .....	143	76	219
October .....	137	74	211
November .....	137	60	197
December .....	144	42	186

**TABLE No. 32. ELECTRICAL MACHINERY, APPARATUS AND SUPPLIES.**  
(12 establishments reporting.)  
**San Francisco.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	22	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	16	17
Under 18 years of age.....	1	-----
<b>Totals</b> .....	39	17
<b>Wage earners:</b>		
18 years of age and over.....	160	53
Under 18 years of age.....	11	-----
<b>Totals</b> .....	171	53
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$52,145
Clerks, stenographers, salesmen, etc.....		58,317
Wage earners (including piece workers).....		129,281
<b>Total</b> .....		\$239,743

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	-----	1	-----	1
\$4 to \$4.99.....	-----	-----	2	-----	2
\$5 to \$5.99.....	-----	1	5	-----	6
\$6 to \$6.99.....	1	3	2	-----	6
\$7 to \$7.99.....	3	19	1	-----	23
\$8 to \$8.99.....	17	21	-----	-----	38
\$9 to \$9.99.....	11	3	-----	-----	14
\$10 to \$10.99.....	11	4	-----	-----	15
\$11 to \$11.99.....	21	1	-----	-----	22
\$12 to \$12.99.....	18	-----	-----	-----	18
\$13 to \$13.99.....	12	-----	-----	-----	12
\$14 to \$14.99.....	8	1	-----	-----	9
\$15 to \$17.99.....	15	-----	-----	-----	15
\$18 to \$20.99.....	10	-----	-----	-----	10
\$21 to \$24.99.....	9	-----	-----	-----	9
\$25 and over.....	24	-----	-----	-----	24
<b>Totals</b> .....	160	53	11	-----	224

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	163	34	197
<b>February</b> .....	167	34	201
<b>March</b> .....	162	29	191
<b>April</b> .....	142	28	170
<b>May</b> .....	152	26	178
<b>June</b> .....	149	40	189
<b>July</b> .....	162	48	210
<b>August</b> .....	156	39	195
<b>September</b> .....	167	77	244
<b>October</b> .....	176	79	255
<b>November</b> .....	174	57	231
<b>December</b> .....	169	53	222

**TABLE No. 34. ENGINES AND PUMPS—GAS AND GASOLINE, ETC.**  
 (5 establishments reporting.)  
**San Francisco.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	13	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	6	-----
Under 18 years of age.....	-----	-----
Totals .....	19	-----
Wage earners:		
18 years of age and over.....	75	-----
Under 18 years of age.....	9	-----
Totals .....	84	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$29,690
Clerks, stenographers, salesmen, etc.....	12,939
Wage earners (including piece workers).....	78,508
Total .....	\$121,137

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....			3	-----	3
\$5 to \$5.99 .....	2	-----	1	-----	3
\$6 to \$6.99 .....	1	-----	1	-----	2
\$7 to \$7.99 .....		-----	2	-----	2
\$8 to \$8.99 .....	1	-----	1	-----	2
\$9 to \$9.99 .....		-----		-----	
\$10 to \$10.99 .....	1	-----	1	-----	2
\$11 to \$11.99 .....	2	-----		-----	2
\$12 to \$12.99 .....	3	-----		-----	3
\$13 to \$13.99 .....		-----		-----	
\$14 to \$14.99 .....		-----		-----	
\$15 to \$17.99 .....	8	-----		-----	8
\$18 to \$20.99 .....	5	-----		-----	5
\$21 to \$24.99 .....	45	-----		-----	45
\$25 and over .....	7	-----		-----	7
Totals .....	75	-----	9	-----	84

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	102	-----	102
February .....	97	-----	97
March .....	98	-----	98
April .....	98	-----	98
May .....	88	-----	88
June .....	82	-----	82
July .....	69	-----	69
August .....	68	-----	68
September .....	70	-----	70
October .....	69	-----	69
November .....	75	-----	75
December .....	69	-----	69

TABLE No. 37. FLOUR MILL AND GRIST MILL PRODUCTS.

(4 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	11	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	56	15
Under 18 years of age.....		
Totals.....	67	16
Wage earners:		
18 years of age and over.....	123	46
Under 18 years of age.....		
Totals.....	123	46
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$29,455
Clerks, stenographers, salesmen, etc.....		71,417
Wage earners (including piece workers).....		77,441
Total.....		\$178,313

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....		5			5
\$7 to \$7.99.....		3			3
\$8 to \$8.99.....		20			20
\$9 to \$9.99.....		14			14
\$10 to \$10.99.....		2			2
\$11 to \$11.99.....					
\$12 to \$12.99.....		2			2
\$13 to \$13.99.....	7				7
\$14 to \$14.99.....	10				10
\$15 to \$17.99.....	46				46
\$18 to \$20.99.....	44				44
\$21 to \$24.99.....	14				14
\$25 and over.....	2				2
Totals.....	123	46			169

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	123	46	169
February.....	124	46	170
March.....	123	46	169
April.....	118	46	164
May.....	120	46	166
June.....	121	46	167
July.....	123	46	169
August.....	124	46	170
September.....	124	46	170
October.....	127	46	173
November.....	124	46	170
December.....	122	46	168

TABLE No. 38. FOOD PREPARATIONS.

(9 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	17	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	14	1
Under 18 years of age.....		
Totals .....	31	1
Wage earners:		
18 years of age and over.....	54	25
Under 18 years of age.....	1	
Totals .....	55	25

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$28,362
Clerks, stenographers, salesmen, etc.....	13,722
Wage earners (including piece workers).....	50,561
Total .....	\$92,645

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1	5	1		7
\$7 to \$7.99 .....		4			4
\$8 to \$8.99 .....		10			10
\$9 to \$9.99 .....	1	4			5
\$10 to \$10.99 .....					
\$11 to \$11.99 .....	3				3
\$12 to \$12.99 .....	7	1			8
\$13 to \$13.99 .....	18				18
\$14 to \$14.99 .....		1			1
\$15 to \$17.99 .....	14				14
\$18 to \$20.99 .....	4				4
\$21 to \$24.99 .....	3				3
\$25 and over.....	3				3
Totals .....	54	25	1		80

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	53	28	81
February .....	52	28	80
March .....	51	21	72
April .....	50	20	70
May .....	50	20	70
June .....	50	20	70
July .....	50	20	70
August .....	54	21	75
September .....	54	27	81
October .....	55	26	81
November .....	55	29	84
December .....	55	25	80

**TABLE No. 39. FOUNDRY AND MACHINE SHOP PRODUCTS.**

(39 establishments reporting.)

**San Francisco.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	76	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	192	57
Under 18 years of age.....	2	
Totals .....	270	57
Wage earners:		
18 years of age and over.....	902	
Under 18 years of age.....	10	
Totals .....	912	

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$221,271
Clerks, stenographers, salesmen, etc.....	286,857
Wage earners (including piece workers).....	879,834
<b>Total .....</b>	<b>\$1,387,962</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....	2		1		3
\$5 to \$5.99.....	4		2		6
\$6 to \$6.99.....	6		3		9
\$7 to \$7.99.....	5				5
\$8 to \$8.99.....	10		1		11
\$9 to \$9.99.....	8		3		11
\$10 to \$10.99.....	16				16
\$11 to \$11.99.....	9				9
\$12 to \$12.99.....	34				34
\$13 to \$13.99.....	74				74
\$14 to \$14.99.....	19				19
\$15 to \$17.99.....	99				99
\$18 to \$20.99.....	111				111
\$21 to \$24.99.....	364				364
\$25 and over.....	141				141
Totals .....	902		10		912

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	869		869
February.....	925		925
March.....	938		938
April.....	898		898
May.....	855		855
June.....	824		824
July.....	825		825
August.....	817		817
September.....	868		868
October.....	867		867
November.....	851		851
December.....	912		912



**TABLE No. 40. FURNITURE, BANK AND STORE FIXTURES, ETC.**

(19 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	19	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	12	4
Under 18 years of age.....	1	
Totals .....	32	4
Wage earners:		
18 years of age and over.....	249	
Under 18 years of age.....	5	
Totals .....	254	

**Salary and wage payments—annual:**

Officers, superintendents and managers..... \$47,844

Clerks, stenographers, salesmen, etc..... 15,803

Wage earners (including piece workers)..... 292,943

**Total .....** \$356,590**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....			3		3
\$7 to \$7.99.....	3		1		4
\$8 to \$8.99.....			1		1
\$9 to \$9.99.....	3				3
\$10 to \$10.99.....	6				6
\$11 to \$11.99.....					
\$12 to \$12.99.....	9				9
\$13 to \$13.99.....	4				4
\$14 to \$14.99.....					
\$15 to \$17.99.....	31				31
\$18 to \$20.99.....	26				26
\$21 to \$24.99.....	56				56
\$25 and over.....	111				111
Totals .....	249		5		254

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	246		246
February .....	355		355
March .....	271		271
April .....	234		234
May .....	253		253
June .....	271		271
July .....	266		266
August .....	256		256
September .....	254		254
October .....	240		240
November .....	251		251
December .....	260		260

**TABLE No. 43. GLASS, CUTTING AND ORNAMENTING (including mirrors).**  
(7 establishments reporting.)  
**San Francisco.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	12	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	48	14
Under 18 years of age.....		
<b>Totals</b> .....	<b>60</b>	<b>14</b>
<b>Wage earners:</b>		
18 years of age and over.....	931	25
Under 18 years of age.....	7	1
<b>Totals</b> .....	<b>938</b>	<b>26</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$44,825
Clerks, stenographers, salesmen, etc.....		85,143
Wage earners (including piece workers).....		639,074
<b>Total</b> .....		<b>\$769,042</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	2	2		1	5
\$7 to \$7.99.....		5			5
\$8 to \$8.99.....	2				2
\$9 to \$9.99.....		9			9
\$10 to \$10.99.....	15		7		22
\$11 to \$11.99.....	92	4			96
\$12 to \$12.99.....	110	4			114
\$13 to \$13.99.....	90				90
\$14 to \$14.99.....	43				43
\$15 to \$17.99.....	83				83
\$18 to \$20.99.....	63	1			64
\$21 to \$24.99.....	83				83
\$25 and over.....	348				348
<b>Totals</b> .....	<b>931</b>	<b>25</b>	<b>7</b>	<b>1</b>	<b>964</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	610	31	641
February.....	851	34	885
March.....	922	25	947
April.....	713	21	764
May.....	1,072	25	1,097
June.....	1,130	32	1,162
July.....	714	23	767
August.....	300	17	317
September.....	800	32	832
October.....	979	35	1,014
November.....	965	33	998
December.....	864	29	893

**TABLE No. 44. GLOVES, LEATHER.**

(5 establishments reporting.)

**San Francisco.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	2	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	3	11
Under 18 years of age.....	2	1
<b>Totals .....</b>	<b>7</b>	<b>12</b>
<b>Wage earners:</b>		
18 years of age and over.....	28	47
Under 18 years of age.....	2	4
<b>Totals .....</b>	<b>30</b>	<b>51</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$3,152
Clerks, stenographers, salesmen, etc.....	13,896
Wage earners (including piece workers).....	45,613
<b>Total .....</b>	<b>\$62,663</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		1			1
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1	2		2	5
\$6 to \$6.99 .....		1		1	2
\$7 to \$7.99 .....	1	2			3
\$8 to \$8.99 .....		8		1	9
\$9 to \$9.99 .....		12			12
\$10 to \$10.99 .....		8	2		10
\$11 to \$11.99 .....		2			2
\$12 to \$12.99 .....	3	3			6
\$13 to \$13.99 .....	5	3			8
\$14 to \$14.99 .....	1	2			3
\$15 to \$17.99 .....	9	3			12
\$18 to \$20.99 .....	8				8
\$21 to \$24.99 .....					
\$25 and over .....					
<b>Totals .....</b>	<b>28</b>	<b>47</b>	<b>2</b>	<b>4</b>	<b>81</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	31	52	83
February .....	30	52	82
March .....	28	49	77
April .....	28	48	76
May .....	29	51	80
June .....	31	51	82
July .....	30	52	82
August .....	30	52	82
September .....	30	52	82
October .....	30	51	81
November .....	30	51	81
December .....	30	51	81

TABLE No. 45. GLUE AND TALLOW.

(4 establishments reporting.)

San Francisco.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	8	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	8	1
Under 18 years of age.....		
<b>Totals</b> .....	16	1
<b>Wage earners:</b>		
18 years of age and over.....	81	2
Under 18 years of age.....		
<b>Totals</b> .....	81	2

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$12,860
Clerks, stenographers, salesmen, etc.....	16,998
Wage earners (including piece workers).....	67,702
<b>Total</b> .....	\$97,560

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....		1			1
\$8 to \$8.99.....					
\$9 to \$9.99.....	2				2
\$10 to \$10.99.....	9	1			10
\$11 to \$11.99.....					
\$12 to \$12.99.....	2				2
\$13 to \$13.99.....	15				15
\$14 to \$14.99.....	22				22
\$15 to \$17.99.....	13				13
\$18 to \$20.99.....	4				4
\$21 to \$24.99.....	6				6
\$25 and over.....	8				8
<b>Totals</b> .....	81	2			83

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	76	1	77
February.....	78	1	79
March.....	79	2	81
April.....	77	2	79
May.....	77	2	79
June.....	76	2	78
July.....	76	1	77
August.....	80	1	81
September.....	82	1	83
October.....	83	1	84
November.....	83	2	85
December.....	81	2	83

TABLE No. 47. ICE, MANUFACTURED.

(4 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	13	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	15	6
Under 18 years of age.....		
Totals .....	28	6
Wage earners:		
18 years of age and over.....	162	
Under 18 years of age.....		
Totals .....	162	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$55,341
Clerks, stenographers, salesmen, etc.....	31,220
Wage earners (including piece workers).....	166,780
Total .....	\$253,341

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....					
\$13 to \$13.99 .....					
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	47				47
\$18 to \$20.99 .....	19				19
\$21 to \$24.99 .....	64				64
\$25 and over .....	32				32
Totals .....	162				162

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	157		157
February .....	157		157
March .....	152		152
April .....	155		155
May .....	157		157
June .....	158		158
July .....	158		158
August .....	165		165
September .....	168		168
October .....	182		182
November .....	168		168
December .....	152		152

TABLE No. 48. IRON AND STEEL FORGINGS, BOLTS AND NUTS.

(3 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	7	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	5	1
Under 18 years of age.....		
Totals.....	12	1
Wage earners:		
18 years of age and over.....	55	
Under 18 years of age.....		
Totals.....	55	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$20,100
Clerks, stenographers, salesmen, etc.....	7,080
Wage earners (including piece workers).....	48,307
Total.....	\$75,487

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....	2				2
\$10 to \$10.99.....	8				8
\$11 to \$11.99.....					
\$12 to \$12.99.....	7				7
\$13 to \$13.99.....	1				1
\$14 to \$14.99.....					
\$15 to \$17.99.....	3				3
\$18 to \$20.99.....	19				19
\$21 to \$24.99.....	8				8
\$25 and over.....	7				7
Totals.....	55				55

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	54		54
February.....	51		51
March.....	53		53
April.....	51		51
May.....	47		47
June.....	43		43
July.....	47		47
August.....	57		57
September.....	54		54
October.....	53		53
November.....	55		55
December.....	55		55

**TABLE No. 49. IRON AND STEEL, STRUCTURAL AND ORNAMENTAL.**  
(17 establishments reporting.)  
**San Francisco.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	42	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	40	12
Under 18 years of age.....		
Totals .....	82	14
Wage earners:		
18 years of age and over.....	612	
Under 18 years of age.....	12	
Totals .....	624	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$97,859
Clerks, stenographers, salesmen, etc.....	56,071
Wage earners (including piece workers).....	594,312
Totals .....	\$748,242

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....			1		1
\$6 to \$6.99 .....	2		1		3
\$7 to \$7.99 .....	5				5
\$8 to \$8.99 .....	1		2		3
\$9 to \$9.99 .....	5		3		8
\$10 to \$10.99 .....	8		4		12
\$11 to \$11.99 .....	14		1		15
\$12 to \$12.99 .....	59				59
\$13 to \$13.99 .....	14				14
\$14 to \$14.99 .....	10				10
\$15 to \$17.99 .....	98				98
\$18 to \$20.99 .....	168				168
\$21 to \$24.99 .....	108				108
\$25 and over .....	120				120
Totals .....	612		12		624

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	593		593
February .....	584		584
March .....	493		493
April .....	560		560
May .....	616		616
June .....	583		583
July .....	599		599
August .....	658		658
September .....	635		635
October .....	624		624
November .....	595		595
December .....	668		668

**TABLE No. 50. JEWELRY.**  
(8 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	5	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	15	4
Under 18 years of age.....	2	
Totals.....	22	4
Wage earners:		
18 years of age and over.....	245	30
Under 18 years of age.....	25	8
Totals.....	270	38
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$10,340
Clerks, stenographers, salesmen, etc.....		14,059
Wage earners (including piece workers).....		283,620
Total.....		\$308,019

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1		17		18
\$6 to \$6.99.....	4	6	3	4	17
\$7 to \$7.99.....	2	3	2	4	11
\$8 to \$8.99.....	2	2	1		5
\$9 to \$9.99.....	11	8			19
\$10 to \$10.99.....	7	1			8
\$11 to \$11.99.....					
\$12 to \$12.99.....	8	2			10
\$13 to \$13.99.....	4	1			5
\$14 to \$14.99.....	3	2			5
\$15 to \$17.99.....	24	3	2		29
\$18 to \$20.99.....	37	1			38
\$21 to \$24.99.....	61	1			62
\$25 and over.....	81				81
Totals.....	245	30	25	8	308

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	277	38	315
February.....	273	29	302
March.....	279	34	313
April.....	270	31	301
May.....	264	29	293
June.....	263	31	294
July.....	262	32	294
August.....	263	35	298
September.....	259	33	292
October.....	270	39	309
November.....	274	42	316
December.....	272	46	318



**TABLE No. 51. KNIT GOODS.**

(6 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	10	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	30	22
Under 18 years of age.....	7	
Totals .....	47	22
Wage earners:		
18 years of age and over.....	49	214
Under 18 years of age.....	1	23
Totals .....	50	237

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$43,859
Clerks, stenographers, salesmen, etc.....	45,015
Wage earners (including piece workers).....	127,623
Total .....	\$216,497

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....				4	4
\$6 to \$6.99.....	1	3		4	8
\$7 to \$7.99.....		35	1	8	44
\$8 to \$8.99.....	1	25		4	30
\$9 to \$9.99.....		35		1	36
\$10 to \$10.99.....	6	29		2	37
\$11 to \$11.99.....	2	19			21
\$12 to \$12.99.....	7	24			31
\$13 to \$13.99.....		9			9
\$14 to \$14.99.....	4	7			11
\$15 to \$17.99.....	8	22			30
\$18 to \$20.99.....	5	3			8
\$21 to \$24.99.....	7	1			8
\$25 and over.....	8	2			10
Totals .....	49	214	1	23	287

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	44	214	258
February .....	48	216	264
March .....	49	213	262
April .....	50	227	277
May .....	47	229	276
June .....	50	228	278
July .....	52	228	280
August .....	51	252	303
September .....	49	238	287
October .....	47	247	294
November .....	50	252	302
December .....	49	256	305

TABLE No. 52. LAUNDRIES, STEAM.

(24 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	42	2
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	148	71
Under 18 years of age.....		
Totals.....	190	73
Wage earners:		
18 years of age and over.....	733	1,139
Under 18 years of age.....	1	8
Totals.....	734	1,147

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$97,357
Clerks, stenographers, salesmen, etc.....	222,455
Wage earners (including piece workers).....	1,262,946
Total.....	\$1,582,758

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....		2			2
\$7 to \$7.99.....	3	17	1		21
\$8 to \$8.99.....	28	369		7	404
\$9 to \$9.99.....	40	230		1	271
\$10 to \$10.99.....	35	197			232
\$11 to \$11.99.....	14	115			129
\$12 to \$12.99.....	37	88			125
\$13 to \$13.99.....	12	34			46
\$14 to \$14.99.....	14	11			25
\$15 to \$17.99.....	112	48			160
\$18 to \$20.99.....	301	18			319
\$21 to \$24.99.....	72	9			81
\$25 and over.....	65	1			66
Totals.....	733	1,139	1	8	1,881

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	729	1,105	1,834
February.....	719	1,118	1,837
March.....	725	1,129	1,854
April.....	713	1,139	1,852
May.....	698	1,124	1,822
June.....	688	1,128	1,816
July.....	711	1,156	1,867
August.....	727	1,211	1,938
September.....	737	1,238	1,975
October.....	710	1,197	1,907
November.....	734	1,180	1,914
December.....	733	1,154	1,887

**TABLE No. 53. LEATHER GOODS.**

(8 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	6	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	13	2
Under 18 years of age.....	2	
Totals .....	21	2
Wage earners:		
18 years of age and over.....	52	3
Under 18 years of age.....	2	
Totals .....	54	3

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$11,296
Clerks, stenographers, salesmen, etc.....	6,378
Wage earners (including piece workers).....	44,525
Total .....	\$62,199

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....			1		1
\$6 to \$6.99 .....					
\$7 to \$7.99 .....	1		1		2
\$8 to \$8.99 .....					
\$9 to \$9.99 .....		2			2
\$10 to \$10.99 .....	2	1			3
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	3				3
\$13 to \$13.99 .....	3				3
\$14 to \$14.99 .....	2				2
\$15 to \$17.99 .....	7				7
\$18 to \$20.99 .....	14				14
\$21 to \$24.99 .....	17				17
\$25 and over .....	3				3
Totals .....	52	3	2		57

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	48	3	51
February .....	52	3	55
March .....	51	3	54
April .....	55	3	58
May .....	57	3	60
June .....	51	3	54
July .....	50	3	53
August .....	47	3	50
September .....	46	3	49
October .....	52	3	55
November .....	53	3	56
December .....	54	3	57

TABLE No. 55. LIQUORS, MALT.

(15 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	41	2
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	55	7
Under 18 years of age.....		
Totals.....	96	9
Wage earners:		
18 years of age and over.....	339	
Under 18 years of age.....		
Totals.....	339	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$125,811
Clerks, stenographers, salesmen, etc.....	80,434
Wage earners (including piece workers).....	421,943
Total.....	\$628,188

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....	1				1
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	1				1
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	29				29
\$18 to \$20.99.....	6				6
\$21 to \$24.99.....	106				106
\$25 and over.....	196				196
Totals.....	339				339

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	328		328
February.....	339		339
March.....	339		339
April.....	346		346
May.....	343		343
June.....	339		339
July.....	337		337
August.....	334		334
September.....	336		336
October.....	335		335
November.....	347		347
December.....	339		339

**TABLE No. 57. LUMBER INDUSTRY—PLANING MILLS.**

(12 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	17	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	14	3
Under 18 years of age.....		
Totals .....	31	3
Wage earners:		
18 years of age and over.....	215	
Under 18 years of age.....	1	
Totals .....	216	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$34,928
Clerks, stenographers, salesmen, etc.....	21,466
Wage earners (including piece workers).....	229,246
Total .....	\$285,640

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	7		1		8
\$10 to \$10.99 .....	5				5
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	10				10
\$13 to \$13.99 .....	9				9
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	23				23
\$18 to \$20.99 .....	16				16
\$21 to \$24.99 .....	54				54
\$25 and over .....	90				90
Totals .....	215		1		216

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	234		234
February .....	236		236
March .....	210		210
April .....	220		220
May .....	208		208
June .....	229		229
July .....	229		229
August .....	205		205
September .....	190		190
October .....	194		194
November .....	216		216
December .....	195		195

**TABLE No. 58. LUMBER INDUSTRY—SASH AND DOOR MILLS AND HOUSE FINISH.**(4 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	6	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	5	2
Under 18 years of age.....	4	2
Totals .....	15	4
Wage earners:		
18 years of age and over.....	155	-----
Under 18 years of age.....	2	-----
Totals .....	157	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$15,084
Clerks, stenographers, salesmen, etc.....	13,664
Wage earners (including piece workers).....	149,529
Total .....	\$178,277

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....			1	-----	1
\$4 to \$4.99 .....				-----	-----
\$5 to \$5.99 .....				-----	-----
\$6 to \$6.99 .....				-----	-----
\$7 to \$7.99 .....				-----	-----
\$8 to \$8.99 .....				-----	-----
\$9 to \$9.99 .....				-----	-----
\$10 to \$10.99 .....				-----	-----
\$11 to \$11.99 .....				-----	-----
\$12 to \$12.99 .....	10	-----	1	-----	11
\$13 to \$13.99 .....	13	-----		-----	13
\$14 to \$14.99 .....	19	-----		-----	19
\$15 to \$17.99 .....	7	-----		-----	7
\$18 to \$20.99 .....	14	-----		-----	14
\$21 to \$24.99 .....	22	-----		-----	22
\$25 and over.....	70	-----		-----	70
Totals .....	155	-----	2	-----	157

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	182	-----	182
February .....	188	-----	188
March .....	174	-----	174
April .....	163	-----	163
May .....	156	-----	156
June .....	164	-----	164
July .....	157	-----	157
August .....	155	-----	155
September .....	144	-----	144
October .....	151	-----	151
November .....	155	-----	155
December .....	149	-----	149

**TABLE No. 61. MARBLE AND STONE WORK.**  
(3 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	7	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	13	5
Under 18 years of age.....		
Totals .....	20	5
Wage earners:		
18 years of age and over.....	99	
Under 18 years of age.....		
Totals .....	99	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$17,208
Clerks, stenographers, salesmen, etc.....		13,499
Wage earners (including piece workers).....		98,948
Total .....		\$129,655

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....					
\$13 to \$13.99.....	1				1
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	19				19
\$18 to \$20.99.....	15				15
\$21 to \$24.99.....	33				33
\$25 and over.....	29				29
Totals .....	99				99

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	99		99
February.....	98		98
March.....	101		101
April.....	88		88
May.....	93		93
June.....	99		99
July.....	106		106
August.....	107		107
September.....	90		90
October.....	90		90
November.....	89		89
December.....	99		99

**TABLE No. 62. MATTRESSES, PILLOWS AND BEDDING.**  
(11 establishments reporting.)  
**San Francisco.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	18	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	19	9
Under 18 years of age.....	-----	1
Totals .....	37	10
Wage earners:		
18 years of age and over.....	120	24
Under 18 years of age.....	4	1
Totals .....	124	25

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$28,613
Clerks, stenographers, salesmen, etc.....	26,393
Wage earners (including piece workers).....	108,649
Total .....	\$163,655

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....			2		2
\$6 to \$6.99 .....	1	1	2		4
\$7 to \$7.99 .....	1	2		1	4
\$8 to \$8.99 .....	1	5			6
\$9 to \$9.99 .....		2			2
\$10 to \$10.99 .....	1	3			4
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	14	8			22
\$13 to \$13.99 .....	11	1			12
\$14 to \$14.99 .....	7				7
\$15 to \$17.99 .....	16	1			17
\$18 to \$20.99 .....	19	1			20
\$21 to \$24.99 .....	46				46
\$25 and over.....	2				2
Totals .....	120	24	4	1	149

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	128	27	155
February .....	128	25	153
March .....	131	28	162
April .....	125	24	149
May .....	116	24	140
June .....	125	24	149
July .....	116	22	138
August .....	112	22	134
September .....	119	26	145
October .....	124	27	151
November .....	122	25	147
December .....	119	29	148



**TABLE No. 63. METAL SIGNS, STENCILS AND RUBBER STAMPS.**

(3 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	10	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	24	2
Under 18 years of age.....	2	-----
Totals .....	36	2
Wage earners:		
18 years of age and over.....	41	4
Under 18 years of age.....	1	-----
Totals .....	42	4

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$27,640
Clerks, stenographers, salesmen, etc.....	21,428
Wage earners (including piece workers).....	33,932
Total .....	\$83,000

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....			1		1
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....	1				1
\$9 to \$9.99.....					
\$10 to \$10.99.....	2				2
\$11 to \$11.99.....					
\$12 to \$12.99.....	8				8
\$13 to \$13.99.....	1	1			2
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	10				10
\$18 to \$20.99.....	9	3			12
\$21 to \$24.99.....	5				5
\$25 and over.....	4				4
Totals .....	41	4	1		46

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	42	4	46
February .....	42	4	46
March .....	42	4	46
April .....	42	4	46
May .....	42	4	46
June .....	42	4	46
July .....	42	4	46
August .....	42	4	46
September .....	42	4	46
October .....	42	4	46
November .....	42	4	46
December .....	42	4	46

**TABLE No. 64. MILLINERY.**  
(6 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	7	-----
Clerks, stenographers, salesmen, etc.:..		
18 years of age and over.....	7	4
Under 18 years of age.....	3	-----
Totals .....	17	4
Wage earners:		
18 years of age and over.....	21	66
Under 18 years of age.....	1	1
Totals .....	22	67
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$20,425
Clerks, stenographers, salesmen, etc.....		11,710
Wage earners (including piece workers).....		52,270
Total .....		\$84,405

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	2	17	1		20
\$7 to \$7.99.....	1	7		1	9
\$8 to \$8.99.....		3			3
\$9 to \$9.99.....	1	5			6
\$10 to \$10.99.....		3			3
\$11 to \$11.99.....		3			3
\$12 to \$12.99.....	2	6			8
\$13 to \$13.99.....		2			2
\$14 to \$14.99.....		2			2
\$15 to \$17.99.....	3	6			9
\$18 to \$20.99.....	4	3			7
\$21 to \$24.99.....	4	1			5
\$25 and over.....	4	8			12
Totals .....	21	66	1	1	89

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	26	64	90
February .....	27	97	124
March .....	35	115	150
April .....	27	74	101
May .....	17	43	60
June .....	19	45	64
July .....	22	54	76
August .....	31	83	114
September .....	33	83	116
October .....	27	77	104
November .....	23	53	76
December .....	18	63	81

**TABLE No. 65. OIL STOVES AND OIL BURNING EQUIPMENT.**(3 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	7	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	3	3
Under 18 years of age.....		
Totals .....	10	4
Wage earners:		
18 years of age and over.....	49	
Under 18 years of age.....	1	
Totals .....	50	

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$14,860
Clerks, stenographers, salesmen, etc. ....	5,510
Wage earners (including piece workers).....	44,751
Total .....	\$65,121

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....			1		1
\$8 to \$8.99.....	1				1
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....					
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	5				5
\$18 to \$20.99.....	12				12
\$21 to \$24.99.....	28				28
\$25 and over.....	2				2
Totals .....	49		1		50

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	50		50
February .....	45		45
March .....	43		43
April .....	40		40
May .....	40		40
June .....	41		41
July .....	41		41
August .....	42		42
September .....	50		50
October .....	46		46
November .....	49		49
December .....	50		50

**TABLE No. 67. PACKING AND PROCESSING OF DRIED FRUITS.**  
(4 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	12	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	31	16
Under 18 years of age.....	5	
Totals .....	48	16
Wage earners:		
18 years of age and over.....	98	97
Under 18 years of age.....		
Totals .....	98	97
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$117,476
Clerks, stenographers, salesmen, etc.....		22,789
Wage earners (including piece workers).....		146,272
Total .....		\$286,537

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....		2			2
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....		23			23
\$10 to \$10.99 .....		16			16
\$11 to \$11.99 .....		15			15
\$12 to \$12.99 .....	1	26			27
\$13 to \$13.99 .....	9	6			15
\$14 to \$14.99 .....		5			5
\$15 to \$17.99 .....	74	2			76
\$18 to \$20.99 .....	14	1			15
\$21 to \$24.99 .....					
\$25 and over.....					
Totals .....	98	97			195

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	86	100	186
February .....	84	107	191
March .....	76	56	132
April .....	63	81	144
May .....	36	35	71
June .....	37	21	58
July .....	63	57	120
August .....	92	102	194
September .....	116	111	227
October .....	151	186	337
November .....	154	157	311
December .....	110	106	216

TABLE No. 68. PAINTS AND VARNISHES.

(9 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	18	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	23	9
Under 18 years of age.....		
Totals .....	41	9
Wage earners:		
18 years of age and over.....	68	3
Under 18 years of age.....	1	
Totals .....	69	3
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$36,790
Clerks, stenographers, salesmen, etc.....		49,946
Wage earners (including piece workers).....		66,287
Total .....		\$153,023

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....	1		1		2
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....	1				1
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	1				1
\$10 to \$10.99 .....	1				1
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	4	1			5
\$13 to \$13.99 .....	8	1			9
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	28	1			29
\$18 to \$20.99 .....	15				15
\$21 to \$24.99 .....	6				6
\$25 and over .....	3				3
Totals .....	68	3	1		72

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	69	3	72
February .....	72	3	75
March .....	72	3	75
April .....	67	3	70
May .....	69	3	72
June .....	74	3	77
July .....	75	4	79
August .....	74	3	77
September .....	77	3	80
October .....	71	3	74
November .....	68	3	71
December .....	69	3	72

**TABLE No. 69. PAPER AND PAPER GOODS (not elsewhere specified).**  
 (4 establishments reporting.)  
 San Francisco.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	8	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	9	19
Under 18 years of age.....	-----	-----
<b>Totals .....</b>	<b>17</b>	<b>19</b>
<b>Wage earners:</b>		
18 years of age and over.....	73	106
Under 18 years of age.....	4	20
<b>Totals .....</b>	<b>77</b>	<b>126</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$17,161
Clerks, stenographers, salesmen, etc.....		32,869
Wage earners (including piece workers).....		92,862
<b>Total .....</b>		<b>\$142,892</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					-----
\$4 to \$4.99 .....					-----
\$5 to \$5.99 .....		2	1	9	12
\$6 to \$6.99 .....		36	2	9	47
\$7 to \$7.99 .....		25	1	1	27
\$8 to \$8.99 .....		24		1	25
\$9 to \$9.99 .....	4	9			13
\$10 to \$10.99 .....	4	1			5
\$11 to \$11.99 .....		2			2
\$12 to \$12.99 .....	6	2			8
\$13 to \$13.99 .....	4	3			7
\$14 to \$14.99 .....	4	1			5
\$15 to \$17.99 .....	16	1			17
\$18 to \$20.99 .....	23				23
\$21 to \$24.99 .....	9				9
\$25 and over .....	3				3
<b>Totals .....</b>	<b>73</b>	<b>106</b>	<b>4</b>	<b>20</b>	<b>203</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	47	84	131
February .....	57	87	144
March .....	63	93	156
April .....	64	98	162
May .....	64	100	164
June .....	66	96	162
July .....	61	97	158
August .....	62	99	161
September .....	67	116	183
October .....	67	116	183
November .....	72	126	198
December .....	77	126	203

**TABLE No. 70. PATENT MEDICINES, COMPOUNDS AND DRUGGISTS' PREPARATIONS.**(10 establishments reporting.)  
San Francisco.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	13	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	42	34
Under 18 years of age.....		
<b>Totals</b> .....	<b>55</b>	<b>35</b>
<b>Wage earners:</b>		
18 years of age and over.....	67	78
Under 18 years of age.....		5
<b>Totals</b> .....	<b>67</b>	<b>83</b>
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$28,484
Clerks, stenographers, salesmen, etc.....		42,700
Wage earners (including piece workers).....		40,580
<b>Total</b> .....		<b>\$111,764</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		1			1
\$4 to \$4.99.....					
\$5 to \$5.99.....		1			1
\$6 to \$6.99.....	1	4		5	10
\$7 to \$7.99.....	5	14			19
\$8 to \$8.99.....	6	7			13
\$9 to \$9.99.....	3	10			13
\$10 to \$10.99.....	9	10			19
\$11 to \$11.99.....	2	11			13
\$12 to \$12.99.....	7	8			15
\$13 to \$13.99.....	2	5			7
\$14 to \$14.99.....	4	4			8
\$15 to \$17.99.....	14	2			16
\$18 to \$20.99.....	6	1			7
\$21 to \$24.99.....	3				3
\$25 and over.....	5				5
<b>Totals</b> .....	<b>67</b>	<b>78</b>		<b>5</b>	<b>150</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	58	74	132
February.....	59	73	132
March.....	61	80	141
April.....	61	79	140
May.....	61	108	169
June.....	65	100	165
July.....	64	120	184
August.....	63	114	177
September.....	63	114	177
October.....	70	122	192
November.....	69	114	183
December.....	68	112	180

TABLE No. 72. PHOTO-ENGRAVING, ELECTROTYPING AND STEREOTYPING.

(16 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	27	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	55	22
Under 18 years of age.....	3	
Totals.....	85	22
Wage earners:		
18 years of age and over.....	426	48
Under 18 years of age.....	28	31
Totals.....	454	79

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$64,695
Clerks, stenographers, salesmen, etc.....	92,014
Wage earners (including piece workers).....	430,645
Total.....	\$587,354

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1		1		2
\$6 to \$6.99.....	8	17	13	17	55
\$7 to \$7.99.....	1	7	10	10	28
\$8 to \$8.99.....	39	7	4	4	54
\$9 to \$9.99.....	23	4			27
\$10 to \$10.99.....	30	5			35
\$11 to \$11.99.....	16	2			18
\$12 to \$12.99.....	22				22
\$13 to \$13.99.....	17	1			18
\$14 to \$14.99.....	13	2			15
\$15 to \$17.99.....	40	1			41
\$18 to \$20.99.....	31	2			33
\$21 to \$24.99.....	40				40
\$25 and over.....	145				145
Totals.....	426	48	28	31	533

## Number of Wage Earners by Months.

Month	Males	Females	Total
January.....	403	70	473
February.....	424	69	493
March.....	416	64	480
April.....	418	61	479
May.....	400	57	457
June.....	402	57	459
July.....	401	59	460
August.....	422	63	485
September.....	446	67	513
October.....	476	71	547
November.....	470	72	542
December.....	454	79	533



TABLE No. 73. PRINTING AND PUBLISHING.

(84 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	129	4
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	531	121
Under 18 years of age.....	15	4
Totals .....	675	129
Wage earners:		
18 years of age and over.....	1,492	339
Under 18 years of age.....	58	16
Totals .....	1,550	355

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$390,190
Clerks, stenographers, salesmen, etc.....	808,034
Wage earners (including piece workers).....	1,759,694
Total .....	\$2,957,918

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	2		12		14
\$4 to \$4.99 .....	3	1	1	1	6
\$5 to \$5.99 .....	5	5	14	9	33
\$6 to \$6.99 .....	21	10	12	6	49
\$7 to \$7.99 .....	21	11	9		41
\$8 to \$8.99 .....	31	20	6		57
\$9 to \$9.99 .....	30	30	3		63
\$10 to \$10.99 .....	38	124	1		163
\$11 to \$11.99 .....	9	37			46
\$12 to \$12.99 .....	37	38			75
\$13 to \$13.99 .....	50	4			54
\$14 to \$14.99 .....	16	8			24
\$15 to \$17.99 .....	171	24			195
\$18 to \$20.99 .....	92	12			104
\$21 to \$24.99 .....	310	5			315
\$25 and over.....	656	10			666
Totals .....	1,492	339	58	16	1,905

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	1,526	338	1,864
February .....	1,568	358	1,926
March .....	1,554	386	1,940
April .....	1,530	363	1,893
May .....	1,550	334	1,884
June .....	1,548	353	1,901
July .....	1,545	367	1,912
August .....	1,523	341	1,864
September .....	1,539	337	1,876
October .....	1,550	355	1,905
November .....	1,567	369	1,936
December .....	1,576	341	1,917

TABLE No. 76. RUBBER GOODS, MECHANICAL, AND RUBBER SPECIALTIES.

(3 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	2	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	1	2
Under 18 years of age.....		
Totals.....	3	2
Wage earners:		
18 years of age and over.....	36	5
Under 18 years of age.....		
Totals.....	36	5
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$4,425
Clerks, stenographers, salesmen, etc.....		3,540
Wage earners (including piece workers).....		36,560
Total.....		\$44,525

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....	1				1
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	2	2			4
\$13 to \$13.99.....	1	1			2
\$14 to \$14.99.....	2				2
\$15 to \$17.99.....	12	2			14
\$18 to \$20.99.....	4				4
\$21 to \$24.99.....	9				9
\$25 and over.....	5				5
Totals.....	36	5			41

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	35	7	42
February.....	35	7	42
March.....	34	7	41
April.....	34	7	41
May.....	34	7	41
June.....	39	6	45
July.....	39	6	45
August.....	28		28
September.....	34	6	40
October.....	36	7	43
November.....	37	7	44
December.....	36	5	41

**TABLE No. 78. SHEET METAL WORKS (not including tin cans).**  
(14 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	15	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	9	3
Under 18 years of age.....		
Totals .....	24	3
Wage earners:		
18 years of age and over.....	87	
Under 18 years of age.....	3	
Totals .....	90	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$30,603
Clerks, stenographers, salesmen, etc.....	6,511
Wage earners (including piece workers).....	94,806
Total .....	\$131,920

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....	1		1		2
\$8 to \$8.99 .....	1				1
\$9 to \$9.99 .....			1		1
\$10 to \$10.99 .....	3				3
\$11 to \$11.99 .....			1		1
\$12 to \$12.99 .....	4				4
\$13 to \$13.99 .....					
\$14 to \$14.99 .....	3				3
\$15 to \$17.99 .....	10				10
\$18 to \$20.99 .....	6				6
\$21 to \$24.99 .....	9				9
\$25 and over.....	49				49
Totals .....	87		3		90

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	98		98
February .....	106		106
March .....	91		91
April .....	82		82
May .....	79		79
June .....	82		82
July .....	82		82
August .....	82		82
September .....	71		71
October .....	81		81
November .....	87		87
December .....	81		81

**TABLE No. 79. SHIP BUILDING (including boat building).**  
(5 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	43	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	75	16
Under 18 years of age.....		
Totals.....	118	16
Wage earners:		
18 years of age and over.....	2,727	
Under 18 years of age.....	108	
Totals.....	2,835	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$131,828
Clerks, stenographers, salesmen, etc.....	95,430
Wage earners (including piece workers).....	2,384,651
Total.....	\$2,611,909

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....	8		18		26
\$5 to \$5.99.....	20		58		78
\$6 to \$6.99.....	22		23		45
\$7 to \$7.99.....	109		9		118
\$8 to \$8.99.....	10				10
\$9 to \$9.99.....	86				86
\$10 to \$10.99.....	21				21
\$11 to \$11.99.....	265				265
\$12 to \$12.99.....	471				471
\$13 to \$13.99.....	448				448
\$14 to \$14.99.....	247				247
\$15 to \$17.99.....	248				248
\$18 to \$20.99.....	557				557
\$21 to \$24.99.....	185				185
\$25 and over.....	30				30
Totals.....	2,727		108		2,835

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	2,230		2,230
February.....	2,179		2,179
March.....	1,360		1,360
April.....	2,377		2,377
May.....	1,516		1,516
June.....	1,774		1,774
July.....	1,992		1,992
August.....	2,835		2,835
September.....	2,941		2,941
October.....	2,971		2,971
November.....	3,095		3,095
December.....	3,329		3,329

TABLE No. 80. SLAUGHTERING AND MEAT PACKING.

(13 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	21	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	55	8
Under 18 years of age.....	1	
Totals .....	77	9
Wage earners:		
18 years of age and over.....	402	4
Under 18 years of age.....		
Totals .....	402	4
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$43,850
Clerks, stenographers, salesmen, etc.....		82,624
Wage earners (including piece workers).....		378,518
Total .....		\$504,992

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1				1
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....	1	2			3
\$8 to \$8.99 .....	1				1
\$9 to \$9.99 .....	8	1			9
\$10 to \$10.99 .....	9				9
\$11 to \$11.99 .....	6	1			7
\$12 to \$12.99 .....	30				30
\$13 to \$13.99 .....	18				18
\$14 to \$14.99 .....	10				10
\$15 to \$17.99 .....	74				74
\$18 to \$20.99 .....	155				155
\$21 to \$24.99 .....	58				58
\$25 and over .....	31				31
Totals .....	402	4			406

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	401	4	405
February .....	398	4	402
March .....	409	4	413
April .....	401	4	405
May .....	402	4	406
June .....	398	4	402
July .....	397	4	401
August .....	405	4	409
September .....	414	4	418
October .....	408	4	412
November .....	408	4	412
December .....	406	4	410

TABLE No. 82. SOAP, WASHING POWDER, ETC.

(4 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers	3	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over	10	1
Under 18 years of age		
Totals	13	1
Wage earners:		
18 years of age and over	30	10
Under 18 years of age		
Totals	30	10

Salary and wage payments—annual:	
Officers, superintendents and managers	\$9,600
Clerks, stenographers, salesmen, etc.	21,200
Wage earners (including piece workers)	36,188
Total	\$66,988

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4					
\$4 to \$4.99					
\$5 to \$5.99					
\$6 to \$6.99					
\$7 to \$7.99					
\$8 to \$8.99					
\$9 to \$9.99		5			5
\$10 to \$10.99		2			2
\$11 to \$11.99		3			3
\$12 to \$12.99					
\$13 to \$13.99	1				1
\$14 to \$14.99	2				2
\$15 to \$17.99	11				11
\$18 to \$20.99	4				4
\$21 to \$24.99	8				8
\$25 and over	4				4
Totals	30	10			40

Number of Wage Earners, by Months.

Month	Males	Females	Total
January	24	10	34
February	30	10	40
March	30	10	40
April	30	10	40
May	30	10	40
June	30	10	40
July	30	10	40
August	30	10	40
September	30	10	40
October	30	10	40
November	30	10	40
December	30	10	40

**TABLE No 83. STOVES AND FURNACES (not including oil stoves).**

(3 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	8	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	11	1
Under 18 years of age.....		
Totals .....	19	1
Wage earners:		
18 years of age and over.....	109	
Under 18 years of age.....	2	
Totals .....	111	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$17,760
Clerks, stenographers, salesmen, etc.....		17,020
Wage earners (including piece workers).....		110,480
Total .....		\$145,260

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	5				5
\$7 to \$7.99 .....			1		1
\$8 to \$8.99 .....					
\$9 to \$9.99 .....			1		1
\$10 to \$10.99 .....	2				2
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	2				2
\$13 to \$13.99 .....	5				5
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	15				15
\$18 to \$20.99 .....	15				15
\$21 to \$24.99 .....	24				24
\$25 and over .....	41				41
Totals .....	109		2		111

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	113		113
February .....	116		116
March .....	113		113
April .....	108		108
May .....	112		112
June .....	108		108
July .....	112		112
August .....	108		108
September .....	103		103
October .....	104		104
November .....	105		105
December .....	111		111

**TABLE No. 85. TANNING.**  
(10 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	20	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	9	3
Under 18 years of age.....		
Totals .....	29	3
Wage earners:		
18 years of age and over.....	457	
Under 18 years of age.....	1	
Totals .....	458	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$70,284
Clerks, stenographers, salesmen, etc.....	17,264
Wage earners (including piece workers).....	335,680
Total .....	\$423,228

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....			1		1
\$8 to \$8.99.....					
\$9 to \$9.99.....	2				2
\$10 to \$10.99.....	7				7
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	66				66
\$13 to \$13.99.....	101				101
\$14 to \$14.99.....	48				48
\$15 to \$17.99.....	160				160
\$18 to \$20.99.....	35				35
\$21 to \$24.99.....	24				24
\$25 and over.....	12				12
Totals .....	457		1		458

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	510		510
February .....	490		490
March .....	478		478
April .....	431		431
May .....	380		380
June .....	402		402
July .....	382		382
August .....	430		430
September .....	437		437
October .....	419		419
November .....	458		458
December .....	468		468



TABLE No. 86. TOBACCO MANUFACTURES.

(32 establishments reporting.)

San Francisco.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	19	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	152	44
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	171	44
<b>Wage earners:</b>		
18 years of age and over.....	390	226
Under 18 years of age.....	5	13
<b>Totals</b> .....	395	239
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$53,852
Clerks, stenographers, salesmen, etc.....		204,110
Wage earners (including piece workers).....		365,028
<b>Total</b> .....		\$622,990

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					-----
\$4 to \$4.99.....					-----
\$5 to \$5.99.....	12	24		1	37
\$6 to \$6.99.....	11	38		6	55
\$7 to \$7.99.....	20	39		2	61
\$8 to \$8.99.....	14	27			41
\$9 to \$9.99.....	15	25	4		44
\$10 to \$10.99.....	16	27		4	47
\$11 to \$11.99.....	8	14			22
\$12 to \$12.99.....	23	18	1		42
\$13 to \$13.99.....	22	7			29
\$14 to \$14.99.....	28	4			32
\$15 to \$17.99.....	90	2			92
\$18 to \$20.99.....	71				71
\$21 to \$24.99.....	41	1			42
\$25 and over.....	19				19
<b>Totals</b> .....	390	226	5	13	634

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	403	266	669
February.....	404	245	649
March.....	410	239	649
April.....	324	226	550
May.....	393	236	629
June.....	384	237	621
July.....	347	218	565
August.....	357	226	583
September.....	366	241	607
October.....	395	239	634
November.....	398	249	647
December.....	365	231	596

**TABLE No. 87. TRUNKS, VALISES, ETC.**  
(6 establishments reporting.)  
San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	6	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	14	4
Under 18 years of age.....	10	
Totals .....	30	4
Wage earners:		
18 years of age and over.....	83	15
Under 18 years of age.....	1	1
Totals .....	84	16
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$7,200
Clerks, stenographers, salesmen, etc.....		24,856
Wage earners (including piece workers).....		68,684
Total .....		\$100,740

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1				1
\$6 to \$6.99.....	2	1		1	4
\$7 to \$7.99.....	3	1	1		5
\$8 to \$8.99.....	1	4			5
\$9 to \$9.99.....	2	3			5
\$10 to \$10.99.....	2	4			6
\$11 to \$11.99.....					
\$12 to \$12.99.....	5	1			6
\$13 to \$13.99.....	4	1			5
\$14 to \$14.99.....	4				4
\$15 to \$17.99.....	19				19
\$18 to \$20.99.....	30				30
\$21 to \$24.99.....	8				8
\$25 and over.....	2				2
Totals .....	83	15	1	1	100

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	66	10	76
February .....	71	11	82
March .....	70	11	81
April .....	75	13	88
May .....	78	15	93
June .....	75	14	89
July .....	80	13	93
August .....	83	16	99
September .....	86	15	101
October .....	92	16	108
November .....	86	16	102
December .....	84	16	100

TABLE No. 88. WINDOW SHADES.

(3 establishments reporting.)

San Francisco.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	1	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	1	1
Under 18 years of age.....		
<b>Totals</b> .....	2	1
<b>Wage earners:</b>		
18 years of age and over.....	14	7
Under 18 years of age.....		
<b>Totals</b> .....	14	7
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$500
Clerks, stenographers, salesmen, etc.....		4,008
Wage earners (including piece workers).....		15,761
<b>Total</b> .....		\$20,269

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1	2			3
\$7 to \$7.99.....		2			2
\$8 to \$8.99.....	1				1
\$9 to \$9.99.....		1			1
\$10 to \$10.99.....		1			1
\$11 to \$11.99.....					
\$12 to \$12.99.....		1			1
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	2				2
\$18 to \$20.99.....					
\$21 to \$24.99.....	8				8
\$25 and over.....	2				2
<b>Totals</b> .....	14	7			21

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	12	6	18
February.....	12	6	18
March.....	13	6	19
April.....	13	6	19
May.....	14	6	20
June.....	15	6	21
July.....	13	6	19
August.....	13	6	19
September.....	13	6	19
October.....	11	6	17
November.....	13	6	19
December.....	13	6	19

**TABLE No. 89. WIRE WORK (including wire rope, netting, etc.)**  
(5 establishments reporting.)  
**San Francisco.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	14	1
Clerks stenographers, salesmen, etc.:.....		
18 years of age and over.....	22	6
Under 18 years of age.....		
<b>Totals .....</b>	<b>36</b>	<b>7</b>
<b>Wage earners:</b>		
18 years of age and over.....	129	
Under 18 years of age.....		
<b>Totals .....</b>	<b>129</b>	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$25,463
Clerks, stenographers, salesmen, etc.....	28,451
Wage earners (including piece workers).....	121,688
<b>Total .....</b>	<b>\$175,602</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....	2				2
\$8 to \$8.99.....					
\$9 to \$9.99.....	7				7
\$10 to \$10.99.....	2				2
\$11 to \$11.99.....					
\$12 to \$12.99.....	2				2
\$13 to \$13.99.....	14				14
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	28				28
\$18 to \$20.99.....	30				30
\$21 to \$24.99.....	27				27
\$25 and over.....	16				16
<b>Totals .....</b>	<b>129</b>				<b>129</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	150		150
February .....	163		163
March .....	163		163
April .....	146		146
May .....	130		130
June .....	129		129
July .....	118		118
August .....	119		119
September .....	120		120
October .....	129		129
November .....	124		124
December .....	131		131

TABLE No. 90. ALL OTHER INDUSTRIES.\*

(55 establishments reporting.)

San Francisco.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	109	2
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	191	59
Under 18 years of age.....	4	2
Totals.....	304	63
Wage earners:		
18 years of age and over.....	1,102	100
Under 18 years of age.....	12	3
Totals.....	1,114	103

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$378,812
Clerks, stenographers, salesmen, etc.....	280,458
Wage earners (including piece workers).....	1,041,429
Total.....	\$1,700,699

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....			1		1
\$4 to \$4.99.....		3	1		4
\$5 to \$5.99.....		3	2		5
\$6 to \$6.99.....	4	38	3	2	47
\$7 to \$7.99.....	10	6	5	1	22
\$8 to \$8.99.....	5	16			21
\$9 to \$9.99.....	39	17			56
\$10 to \$10.99.....	29	7			36
\$11 to \$11.99.....	25				25
\$12 to \$12.99.....	87	3			90
\$13 to \$13.99.....	68				68
\$14 to \$14.99.....	29	1			30
\$15 to \$17.99.....	287	6			293
\$18 to \$20.99.....	210				210
\$21 to \$24.99.....	220				220
\$25 and over.....	89				89
Totals.....	1,102	100	12	3	1,217

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	970	54	1,024
February.....	1,019	66	1,085
March.....	1,100	71	1,171
April.....	1,076	74	1,150
May.....	1,047	72	1,119
June.....	1,085	80	1,165
July.....	1,075	89	1,164
August.....	1,116	83	1,199
September.....	1,114	98	1,207
October.....	1,114	103	1,217
November.....	1,173	101	1,274
December.....	1,116	99	1,215

\*See note on following page.

**INDUSTRIES AND NUMBER OF ESTABLISHMENTS INCLUDED IN TABLE  
No. 90, "ALL OTHER INDUSTRIES."**

**San Francisco.**

Babbitt, metals and solders.	3	Musical instruments, pianos, etc.	1
Beds, wall	1	Nautical, surveying instruments and supplies.	2
Boiler compounds, packing, etc.	1	Ornamental plaster	1
Bottling, beer	1	Patterns, wood and metal	4
Cocoanut oil and cocoanut cake	2	Polish and cleaning fluids	2
Cordage	1	Registers and calculating machines	1
Cordials and fruit brandies	1	Roofing materials and building papers	1
Cream of tartar and yeast	2	Rug weaving	1
Display fixtures, wax, etc.	2	Salt refining	2
Felt and felt products	1	Shoddy, wool	1
Flavoring extracts and perfumes	1	Sidewalk doors and lights	2
Galvanizing and electroplating	2	Smelting and refining	1
Gas and electric fixtures	2	Sugar refining	1
Inks and paste	2	Surgical appliances, etc.	2
Laboratory supplies	1	Sweeping compounds, etc.	1
Linen goods, table cloths, etc.	1	Toys	1
Metal specialties, etc.	1	Tricycles and supplies	1
Motion picture films, etc.	1	Typewriter supplies	2
		Hats and caps, men's	2

TABLE No. 1. ALL INDUSTRIES (TOTAL).

(547 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	907	25
Clerks, stenographers, salesmen, etc.....		
18 years of age and over.....	1,849	608
Under 18 years of age.....	38	5
Totals .....	2,794	638
Wage earners:		
18 years of age and over.....	10,203	3,595
Under 18 years of age.....	149	52
Totals .....	10,352	3,647

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$2,105,104
Clerks, stenographers, salesmen, etc.....	2,500,126
Wage earners (including piece workers).....	9,754,111
Total .....	\$14,359,341

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	42	65	4	3	114
\$4 to \$4.99 .....	15	69	4		88
\$5 to \$5.99 .....	16	117	11	14	158
\$6 to \$6.99 .....	83	518	43	16	660
\$7 to \$7.99 .....	184	760	26	11	981
\$8 to \$8.99 .....	118	521	21	2	662
\$9 to \$9.99 .....	231	539	16	4	790
\$10 to \$10.99 .....	388	339	22	2	751
\$11 to \$11.99 .....	151	138	1		290
\$12 to \$12.99 .....	1,001	209	1		1,211
\$13 to \$13.99 .....	750	73			823
\$14 to \$14.99 .....	507	76			583
\$15 to \$17.99 .....	2,163	120			2,283
\$18 to \$20.99 .....	2,084	32			2,116
\$21 to \$24.99 .....	1,450	12			1,462
\$25 and over .....	1,020	7			1,027
Totals .....	10,203	3,595	149	52	13,999

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	10,154	3,216	13,370
February .....	9,923	3,199	13,122
March .....	9,978	3,207	13,185
April .....	10,127	3,232	13,359
May .....	10,281	3,444	13,725
June .....	10,334	3,425	13,759
July .....	10,239	3,543	13,782
August .....	10,527	3,793	14,320
September .....	10,024	3,739	13,763
October .....	10,090	3,847	13,937
November .....	10,163	3,523	13,686
December .....	10,628	3,774	14,402

**TABLE No. 3. ARTIFICIAL STONE, CLAY AND CONCRETE PRODUCTS.**  
(10 establishments reporting.)  
**Los Angeles.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	14	
Clerks, stenographers, salesmen, etc.....		
18 years of age and over.....	5	2
Under 18 years of age.....		
<b>Totals</b> .....	19	2
<b>Wage earners:</b>		
18 years of age and over.....	87	
Under 18 years of age.....		
<b>Totals</b> .....	87	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$21,907
Clerks, stenographers, salesmen, etc.....		7,300
Wage earners (including piece workers).....		75,997
<b>Total</b> .....		\$105,204

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....	4				4
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	4				4
\$13 to \$13.99.....	9				9
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	16				16
\$18 to \$20.99.....	25				25
\$21 to \$24.99.....	12				12
\$25 and over.....	13				13
<b>Totals</b> .....	87				87

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	90		90
<b>February</b> .....	82		82
<b>March</b> .....	85		85
<b>April</b> .....	76		76
<b>May</b> .....	90		90
<b>June</b> .....	93		93
<b>July</b> .....	96		96
<b>August</b> .....	74		74
<b>September</b> .....	77		77
<b>October</b> .....	87		87
<b>November</b> .....	92		92
<b>December</b> .....	95		95



**TABLE No. 4. AUTOMOBILES (including bodies and parts).**  
 (15 establishments reporting.)  
**Los Angeles.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	25	
Clerks, stenographers, salesmen, etc.		
18 years of age and over.....	25	13
Under 18 years of age.....	1	
<b>Totals</b> .....	51	13
<b>Wage earners:</b>		
18 years of age and over.....	304	6
Under 18 years of age.....	3	
<b>Totals</b> .....	307	6

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$45,508
Clerks, stenographers, salesmen, etc.....	30,465
Wage earners (including piece workers).....	259,634
<b>Total</b> .....	<b>\$335,607</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	5		1		6
\$7 to \$7.99.....	3				3
\$8 to \$8.99.....	1	1			2
\$9 to \$9.99.....	2	1	2		5
\$10 to \$10.99.....	2	1			3
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	15				15
\$13 to \$13.99.....	25	1			26
\$14 to \$14.99.....	16				16
\$15 to \$17.99.....	42	2			44
\$18 to \$20.99.....	94				94
\$21 to \$24.99.....	70				70
\$25 and over.....	27				27
<b>Totals</b> .....	304	6	3		313

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	278	6	284
February.....	284	6	290
March.....	288	6	294
April.....	286	6	292
May.....	294	6	300
June.....	297	6	303
July.....	306	6	312
August.....	307	6	313
September.....	303	6	309
October.....	311	6	317
November.....	318	6	324
December.....	307	6	313

TABLE No. 5. AWNINGS, TENTS AND SAILS.

(5 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	5	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	5	6
Under 18 years of age.....		
Totals.....	10	6
Wage earners:		
18 years of age and over.....	21	24
Under 18 years of age.....		
Totals.....	21	24

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$7,516
Clerks, stenographers, salesmen, etc.....	5,496
Wage earners (including piece workers).....	26,701
Total.....	\$39,713

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					1
\$7 to \$7.99.....		1			3
\$8 to \$8.99.....	2	5			7
\$9 to \$9.99.....		8			8
\$10 to \$10.99.....	2	2			4
\$11 to \$11.99.....		2			2
\$12 to \$12.99.....		2			2
\$13 to \$13.99.....					
\$14 to \$14.99.....	2				2
\$15 to \$17.99.....	8	1			9
\$18 to \$20.99.....	4				4
\$21 to \$24.99.....					
\$25 and over.....	3				3
Totals.....	21	24			45

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	17	20	37
February.....	17	19	36
March.....	17	26	43
April.....	20	31	51
May.....	19	29	48
June.....	21	24	45
July.....	21	26	47
August.....	19	29	48
September.....	17	26	43
October.....	17	26	43
November.....	17	22	39
December.....	19	23	42

TABLE No. 8. BAKERY PRODUCTS.

(22 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	41	3
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	128	16
Under 18 years of age.....		
Totals.....	169	19
Wage earners:		
18 years of age and over.....	632	140
Under 18 years of age.....	3	1
Totals.....	635	141
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$141,538
Clerks, stenographers, salesmen, etc.....		178,015
Wage earners (including piece workers).....		629,639
Total.....		\$949,192

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	2	28	3		33
\$7 to \$7.99.....	3	22			25
\$8 to \$8.99.....	1	12		1	14
\$9 to \$9.99.....	2	16			18
\$10 to \$10.99.....	7	28			35
\$11 to \$11.99.....		9			9
\$12 to \$12.99.....	39	12			51
\$13 to \$13.99.....	12	2			14
\$14 to \$14.99.....	21	5			26
\$15 to \$17.99.....	208	4			212
\$18 to \$20.99.....	227	2			229
\$21 to \$24.99.....	67				67
\$25 and over.....	43				43
Totals.....	632	140	3	1	776

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	626	130	756
February.....	635	141	776
March.....	647	153	800
April.....	649	140	789
May.....	646	141	787
June.....	634	146	780
July.....	653	154	807
August.....	649	143	792
September.....	642	137	779
October.....	631	136	767
November.....	633	154	787
December.....	643	169	812

TABLE No. 11. BOILERS AND TANKS.

(4 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	9	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	10	1
Under 18 years of age.....		
Totals .....	19	1
Wage earners:		
18 years of age and over.....	111	
Under 18 years of age.....	2	
Totals .....	113	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$29,222
Clerks, stenographers, salesmen, etc.....	12,224
Wage earners (including piece workers).....	177,859
Total .....	\$219,305

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....			1		1
\$8 to \$8.99.....					
\$9 to \$9.99.....	1		1		2
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....					
\$13 to \$13.99.....	5				5
\$14 to \$14.99.....					
\$15 to \$17.99.....	35				35
\$18 to \$20.99.....	18				18
\$21 to \$24.99.....	43				43
\$25 and over.....	9				9
Totals .....	111		2		113

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	112		112
February .....	125		125
March .....	117		117
April .....	117		117
May .....	124		124
June .....	146		146
July .....	144		144
August .....	158		158
September .....	144		144
October .....	119		119
November .....	117		117
December .....	113		113

TABLE No. 13. BOXES, BAGS, CARTONS, ETC., PAPER.

(7 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	13	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	10	2
Under 18 years of age.....		
Totals .....	23	2
Wage earners:		
18 years of age and over.....	94	154
Under 18 years of age.....	7	14
Totals .....	101	168
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$27,966
Clerks, stenographers, salesmen, etc.....		21,848
Wage earners (including piece workers).....		164,410
Total .....		\$214,254

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....		22		9	31
\$5 to \$5.99.....		19		5	24
\$6 to \$6.99.....		24			24
\$7 to \$7.99.....		30	4		38
\$8 to \$8.99.....	4	22	3		29
\$9 to \$9.99.....	4	18			26
\$10 to \$10.99.....	8	8			13
\$11 to \$11.99.....	5	6			15
\$12 to \$12.99.....	9	3			13
\$13 to \$13.99.....	10				
\$14 to \$14.99.....					
\$15 to \$17.99.....	18	1			19
\$18 to \$20.99.....	15	1			16
\$21 to \$24.99.....	7				7
\$25 and over.....	14				14
Totals .....	94	154	7	14	269

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	102	189	291
February .....	100	178	278
March .....	100	175	275
April .....	93	163	256
May .....	91	149	240
June .....	90	137	227
July .....	103	149	253
August .....	101	168	269
September .....	104	214	318
October .....	110	249	359
November .....	118	213	331
December .....	117	203	320

TABLE No. 14. BOXES, WOOD.

(5 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers	6	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over	2	
Under 18 years of age		
Totals	8	
Wage earners:		
18 years of age and over	126	51
Under 18 years of age	1	5
Totals	127	56

Salary and wage payments—annual:	
Officers, superintendents and managers	\$11,700
Clerks, stenographers, salesmen, etc.	3,000
Wage earners (including piece workers)	98,290
Total	\$113,090

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4					
\$4 to \$4.99					
\$5 to \$5.99					
\$6 to \$6.99		8		2	10
\$7 to \$7.99		29	1	1	31
\$8 to \$8.99		6		1	7
\$9 to \$9.99	10	4		1	15
\$10 to \$10.99	2	2			4
\$11 to \$11.99		1			1
\$12 to \$12.99	15	1			16
\$13 to \$13.99	14				14
\$14 to \$14.99					
\$15 to \$17.99	64				64
\$18 to \$20.99	11				11
\$21 to \$24.99	8				8
\$25 and over	2				2
Totals	126	51	1	5	183

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January	112	61	173
February	93	60	153
March	105	59	164
April	108	53	161
May	107	54	161
June	101	55	156
July	173	71	244
August	105	72	177
September	98	65	163
October	104	62	166
November	109	61	170
December	127	56	183

**TABLE No. 15. BRASS, BRONZE AND COPPER PRODUCTS.**  
(8 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	11	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	5	1
Under 18 years of age.....		
Totals .....	16	2
Wage earners:		
18 years of age and over.....	79	
Under 18 years of age.....		
Totals .....	79	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$25,964
Clerks, stenographers, salesmen, etc.....		5,941
Wage earners (including piece workers).....		66,777
Total .....		\$98,682

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....	4				4
\$8 to \$8.99.....					
\$9 to \$9.99.....	5				5
\$10 to \$10.99.....	4				4
\$11 to \$11.99.....					
\$12 to \$12.99.....	7				7
\$13 to \$13.99.....	6				6
\$14 to \$14.99.....	4				4
\$15 to \$17.99.....	15				15
\$18 to \$20.99.....	12				12
\$21 to \$24.99.....	16				16
\$25 and over.....	5				5
Totals .....	79				79

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	76		76
February .....	81		81
March .....	80		80
April .....	82		82
May .....	84		84
June .....	84		84
July .....	83		83
August .....	81		81
September .....	92		92
October .....	88		88
November .....	79		79
December .....	85		85

**TABLE No. 16. BRICK AND TILE.**  
(10 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	15	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	24	4
Under 18 years of age.....	-----	-----
Totals .....	39	4
Wage earners:		
18 years of age and over.....	261	-----
Under 18 years of age.....	-----	-----
Totals .....	261	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$38,434
Clerks, stenographers, salesmen, etc.....	27,561
Wage earners (including piece workers).....	166,622
Total .....	\$232,617

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					-----
\$4 to \$4.99 .....					-----
\$5 to \$5.99 .....					-----
\$6 to \$6.99 .....					-----
\$7 to \$7.99 .....					-----
\$8 to \$8.99 .....					-----
\$9 to \$9.99 .....					-----
\$10 to \$10.99 .....	27				27
\$11 to \$11.99 .....					-----
\$12 to \$12.99 .....	66				66
\$13 to \$13.99 .....	42				42
\$14 to \$14.99 .....	3				3
\$15 to \$17.99 .....	79				79
\$18 to \$20.99 .....	26				26
\$21 to \$24.99 .....	13				13
\$25 and over .....	5				5
Totals .....	261				261

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	209	-----	209
February .....	249	-----	249
March .....	261	-----	261
April .....	256	-----	256
May .....	290	-----	290
June .....	287	-----	287
July .....	283	-----	283
August .....	279	-----	279
September .....	219	-----	219
October .....	230	-----	230
November .....	230	-----	230
December .....	219	-----	219



TABLE No. 17. BROOMS AND BRUSHES.

(5 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	4	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	2	
Under 18 years of age.....		
Totals.....	6	
Wage earners:		
18 years of age and over.....	50	
Under 18 years of age.....		
Totals.....	50	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$5,225
Clerks, stenographers, salesmen, etc.....		1,660
Wage earners (including piece workers).....		30,517
Total.....		\$37,402

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....	1				1
\$8 to \$8.99.....					
\$9 to \$9.99.....	4				4
\$10 to \$10.99.....	1				1
\$11 to \$11.99.....					
\$12 to \$12.99.....	8				8
\$13 to \$13.99.....	3				3
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	14				14
\$18 to \$20.99.....	10				10
\$21 to \$24.99.....	4				4
\$25 and over.....	4				4
Totals.....	50				50

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	50		50
February.....	50		50
March.....	50		50
April.....	50		50
May.....	50		50
June.....	50		50
July.....	50		50
August.....	50		50
September.....	50		50
October.....	50		50
November.....	50		50
December.....	50		50

TABLE No. 21. CANNING AND PRESERVING OF FRUITS AND VEGETABLES.

(15 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	19	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	28	7
Under 18 years of age.....		
Totals .....	47	7
Wage earners:		
18 years of age and over.....	180	251
Under 18 years of age.....	1	3
Totals .....	181	254
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$33,600
Clerks, stenographers, salesmen, etc.....		40,930
Wage earners (including piece workers).....		148,589
Total .....		\$223,119

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		2			2
\$4 to \$4.99 .....		3			3
\$5 to \$5.99 .....		2			2
\$6 to \$6.99 .....		157			157
\$7 to \$7.99 .....	1	13	1	3	18
\$8 to \$8.99 .....		20			20
\$9 to \$9.99 .....	6	32			38
\$10 to \$10.99 .....	10	9			19
\$11 to \$11.99 .....	6	4			10
\$12 to \$12.99 .....	84	3			87
\$13 to \$13.99 .....	22	2			24
\$14 to \$14.99 .....	10	2			12
\$15 to \$17.99 .....	18	2			20
\$18 to \$20.99 .....	13				13
\$21 to \$24.99 .....	5				5
\$25 and over .....	5				5
Totals .....	180	251	1	3	435

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	206	197	403
February .....	231	160	391
March .....	139	122	261
April .....	105	83	188
May .....	121	268	389
June .....	72	137	209
July .....	89	133	222
August .....	175	416	591
September .....	195	256	451
October .....	194	267	461
November .....	196	80	276
December .....	238	314	552

**TABLE No. 22. CARBONATED BEVERAGES.**

(5 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	8	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	6	3
Under 18 years of age.....		
Totals .....	14	3
Wage earners:		
18 years of age and over.....	12	
Under 18 years of age.....		
Totals .....	12	

**Salary and wage payments—annual:**

Officers, superintendents and managers.....	\$10,192
Clerks, stenographers, salesmen, etc.....	5,528
Wage earners (including piece workers).....	7,758
<b>Total .....</b>	<b>\$23,478</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....	3				3
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	5				5
\$18 to \$20.99.....	2				2
\$21 to \$24.99.....					
\$25 and over.....					
Totals .....	12				12

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	10		10
February .....	10		10
March .....	11		11
April .....	11		11
May .....	11		11
June .....	12		12
July .....	12		12
August .....	12		12
September .....	10		10
October .....	9		9
November .....	9		9
December .....	9		9

**TABLE No. 23. CARRIAGES, WAGONS AND MATERIALS.**  
(3 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	5	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	3	2
Under 18 years of age.....		
Totals .....	8	2
Wage earners:		
18 years of age and over.....	35	
Under 18 years of age.....		
Totals .....	35	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$5,426
Clerks, stenographers, salesmen, etc.....	2,234
Wage earners (including piece workers).....	25,483
Total .....	\$33,143

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....	1				1
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	1				1
\$10 to \$10.99 .....					
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	6				6
\$13 to \$13.99 .....	4				4
\$14 to \$14.99 .....	2				2
\$15 to \$17.99 .....	4				4
\$18 to \$20.99 .....	6				6
\$21 to \$24.99 .....	9				9
\$25 and over.....	1				1
Totals .....	35				35

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	31		31
February .....	28		28
March .....	29		29
April .....	36		36
May .....	34		34
June .....	34		34
July .....	35		35
August .....	34		34
September .....	34		34
October .....	50		50
November .....	47		47
December .....	45		45

**TABLE No. 26. CHEMICALS (including chemical fertilizers).**  
 (5 establishments reporting.)  
**Los Angeles.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	8	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	13	3
Under 18 years of age.....		
Totals .....	21	3
Wage earners:		
18 years of age and over.....	27	1
Under 18 years of age.....		
Totals .....	27	1
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$25,104
Clerks, stenographers, salesmen, etc.....		16,412
Wage earners (including piece workers).....		19,565
Total .....		\$61,081

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....		1			1
\$9 to \$9.99.....					
\$10 to \$10.99.....	1				1
\$11 to \$11.99.....					
\$12 to \$12.99.....	11				11
\$13 to \$13.99.....	6				6
\$14 to \$14.99.....	1				1
\$15 to \$17.99.....	3				3
\$18 to \$20.99.....					
\$21 to \$24.99.....					
\$25 and over.....	5				5
Totals .....	27				28

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	27	1	28
February .....	29	1	30
March .....	30	1	30
April .....	31	1	32
May .....	25	1	26
June .....	25	1	26
July .....	24	1	25
August .....	25	1	26
September .....	25	1	26
October .....	24	1	25
November .....	25	1	26
December .....	27	1	28

**TABLE No. 27. CLOTHING, MEN'S.**  
(9 establishments reporting.)  
Los Angeles.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	19	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	16	21
Under 18 years of age.....	1	
<b>Totals</b> .....	<b>36</b>	<b>22</b>
<b>Wage earners:</b>		
18 years of age and over.....	76	570
Under 18 years of age.....	10	4
<b>Totals</b> .....	<b>86</b>	<b>574</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$50,588
Clerks, stenographers, salesmen, etc.....	38,538
Wage earners (including piece workers).....	292,759
<b>Total</b> .....	<b>\$381,885</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		35	1		36
\$4 to \$4.99 .....		38			38
\$5 to \$5.99 .....		31			31
\$6 to \$6.99 .....	6	38	2		46
\$7 to \$7.99 .....	2	48	2	2	54
\$8 to \$8.99 .....	2	59	1		62
\$9 to \$9.99 .....	2	66	1	1	70
\$10 to \$10.99 .....	3	65	1	1	70
\$11 to \$11.99 .....		37	1		38
\$12 to \$12.99 .....	7	40	1		48
\$13 to \$13.99 .....	4	28			32
\$14 to \$14.99 .....	3	32			35
\$15 to \$17.99 .....	11	41			52
\$18 to \$20.99 .....	16	8			24
\$21 to \$24.99 .....	12	3			15
\$25 and over .....	8	1			9
<b>Totals</b> .....	<b>76</b>	<b>570</b>	<b>10</b>	<b>4</b>	<b>660</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	67	422	489
February .....	75	425	500
March .....	69	415	484
April .....	75	473	548
May .....	79	547	626
June .....	80	655	735
July .....	82	644	726
August .....	86	574	660
September .....	81	575	656
October .....	86	590	676
November .....	90	564	654
December .....	89	575	664

TABLE No. 28. CLOTHING, WOMEN'S.

(12 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	15	5
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	18	14
Under 18 years of age.....	2	
Totals .....	35	19
Wage earners:		
18 years of age and over.....	34	212
Under 18 years of age.....		
Totals .....	34	212

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$38,386
Clerks, stenographers, salesmen, etc.....	20,958
Wage earners (including piece workers).....	104,365
Total .....	\$163,709

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		15			15
\$4 to \$4.99 .....		15			15
\$5 to \$5.99 .....	1	5			6
\$6 to \$6.99 .....	1	34			35
\$7 to \$7.99 .....	2	20			22
\$8 to \$8.99 .....		24			24
\$9 to \$9.99 .....		27			27
\$10 to \$10.99 .....	1	25			26
\$11 to \$11.99 .....		8			8
\$12 to \$12.99 .....	1	15			16
\$13 to \$13.99 .....		3			3
\$14 to \$14.99 .....	5	6			11
\$15 to \$17.99 .....	4	12			16
\$18 to \$20.99 .....	7	1			8
\$21 to \$24.99 .....	4	2			6
\$25 and over .....	8				8
Totals .....	34	212			246

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	36	173	209
February .....	36	181	217
March .....	37	207	244
April .....	38	222	260
May .....	36	225	261
June .....	36	210	246
July .....	34	212	246
August .....	39	190	229
September .....	37	202	239
October .....	41	244	285
November .....	41	238	279
December .....	41	240	281

**TABLE No. 29. COFFEE AND SPICE, ROASTING AND GRINDING.**  
 (4 establishments reporting.)  
 Los Angeles.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	5	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	7	3
Under 18 years of age.....		
<b>Totals</b> .....	12	4
<b>Wage earners:</b>		
18 years of age and over.....	15	4
Under 18 years of age.....		
<b>Totals</b> .....	15	4
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$14,670
Clerks, stenographers, salesmen, etc.....		10,146
Wage earners (including piece workers).....		14,027
<b>Total</b> .....		\$38,843

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1				1
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....		2			2
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....					
\$10 to \$10.99 .....	3				3
\$11 to \$11.99 .....		1			1
\$12 to \$12.99 .....					
\$13 to \$13.99 .....					
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	3				3
\$18 to \$20.99 .....	5				5
\$21 to \$24.99 .....	2				2
\$25 and over.....	1				1
<b>Totals</b> .....	15	4			19

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	15	3	18
February .....	15	3	18
March .....	15	3	18
April .....	15	4	19
May .....	15	4	19
June .....	15	3	18
July .....	15	4	19
August .....	15	4	19
September .....	15	4	19
October .....	15	3	18
November .....	15	3	18
December .....	15	4	19



TABLE No. 30. CONFECTIONERY.

(8 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	13	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	23	2
Under 18 years of age.....	-----	-----
Totals.....	36	2
Wage earners:		
18 years of age and over.....	135	93
Under 18 years of age.....	-----	-----
Totals.....	135	93

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$24,733
Clerks, stenographers, salesmen, etc.....	25,011
Wage earners (including piece workers).....	147,484
Total.....	\$197,228

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	4	-----	-----	4
\$4 to \$4.99.....	-----	3	-----	-----	3
\$5 to \$5.99.....	1	8	-----	-----	9
\$6 to \$6.99.....	4	10	-----	-----	14
\$7 to \$7.99.....	4	17	-----	-----	21
\$8 to \$8.99.....	3	14	-----	-----	17
\$9 to \$9.99.....	2	8	-----	-----	10
\$10 to \$10.99.....	7	6	-----	-----	13
\$11 to \$11.99.....	4	8	-----	-----	12
\$12 to \$12.99.....	6	12	-----	-----	18
\$13 to \$13.99.....	2	2	-----	-----	4
\$14 to \$14.99.....	27	-----	-----	-----	27
\$15 to \$17.99.....	47	1	-----	-----	48
\$18 to \$20.99.....	8	-----	-----	-----	8
\$21 to \$24.99.....	10	-----	-----	-----	10
\$25 and over.....	10	-----	-----	-----	10
Totals.....	135	93	-----	-----	228

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	132	84	216
February.....	128	84	212
March.....	129	86	215
April.....	133	85	218
May.....	131	80	211
June.....	139	76	215
July.....	143	76	219
August.....	147	78	225
September.....	147	82	229
October.....	132	98	230
November.....	131	99	230
December.....	132	115	247

**TABLE No. 32. ELECTRICAL MACHINERY, APPARATUS AND SUPPLIES.**  
(5 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	2	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	1	1
Under 18 years of age.....		
Totals .....	3	2
Wage earners:		
18 years of age and over.....	16	
Under 18 years of age.....		
Totals .....	16	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$7,000
Clerks, stenographers, salesmen, etc.....	780
Wage earners (including piece workers).....	6,656
Total .....	\$14,436

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....	1				1
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	2				2
\$13 to \$13.99 .....					
\$14 to \$14.99 .....	1				1
\$15 to \$17.99 .....	5				5
\$18 to \$20.99 .....	4				4
\$21 to \$24.99 .....	1				1
\$25 and over.....	1				1
Totals .....	16				16

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	19		19
February.....	16		16
March .....	20		20
April .....	16		16
May .....	14		14
June .....	14		14
July .....	15		15
August .....	14		14
September .....	14		14
October .....	15		15
November .....	12		12
December .....	14		14

TABLE No. 34. ENGINES AND PUMPS—GAS AND GASOLINE.

(5 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	15	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	27	7
Under 18 years of age.....		
Totals .....	42	7
Wage earners:		
18 years of age and over.....	128	
Under 18 years of age.....	3	
Totals .....	131	

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$26,640
Clerks, stenographers, salesmen, etc.....	71,085
Wage earners (including piece workers).....	113,082
Total .....	\$210,807

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....			1		1
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	2				2
\$6 to \$6.99 .....			1		1
\$7 to \$7.99 .....	4				4
\$8 to \$8.99 .....	1		1		2
\$9 to \$9.99 .....	1				1
\$10 to \$10.99 .....	5				5
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	6				6
\$13 to \$13.99 .....	3				3
\$14 to \$14.99 .....	6				6
\$15 to \$17.99 .....	27				27
\$18 to \$20.99 .....	57				57
\$21 to \$24.99 .....	14				14
\$25 and over.....	1				1
Totals .....	128		3		131

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	140		140
February .....	137		137
March .....	118		118
April .....	132		132
May .....	131		131
June .....	132		132
July .....	133		133
August .....	132		132
September .....	113		113
October .....	116		116
November .....	113		113
December .....	131		131

TABLE No. 37. FLOUR MILL AND GRIST MILL PRODUCTS.

(5 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	15	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	37	12
Under 18 years of age.....	16	5
Totals .....	68	17
Wage earners:		
18 years of age and over.....	98	8
Under 18 years of age.....	6	-----
Totals .....	104	8

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$56,000
Clerks, stenographers, salesmen, etc.....	74,107
Wage earners (including piece workers).....	101,214
Total .....	\$231,321

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....		1	2		3
\$7 to \$7.99.....		3			3
\$8 to \$8.99.....		1	2		3
\$9 to \$9.99.....		1	2		3
\$10 to \$10.99.....	1	1			2
\$11 to \$11.99.....					
\$12 to \$12.99.....	3	1			4
\$13 to \$13.99.....	2				2
\$14 to \$14.99.....					
\$15 to \$17.99.....	54				54
\$18 to \$20.99.....	24				24
\$21 to \$24.99.....	14				14
\$25 and over.....					
Totals .....	98	8	6		112

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	111	9	120
February .....	103	10	113
March .....	101	9	110
April .....	95	9	104
May .....	104	8	112
June .....	101	4	105
July .....	104	5	109
August .....	110	9	119
September .....	102	7	109
October .....	102	7	109
November .....	118	9	127
December .....	115	9	124

**TABLE No. 38. FOOD PREPARATIONS.**

(9 establishments reporting.)

**Los Angeles.**

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	7	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	4	-----
Under 18 years of age.....	-----	-----
Totals .....	11	-----
Wage earners:		
18 years of age and over.....	28	13
Under 18 years of age.....	1	-----
Totals .....	29	13

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$12,007
Clerks, stenographers, salesmen, etc.....	5,700
Wage earners (including piece workers).....	21,245
Total .....	\$38,952

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	1	1	-----	-----	2
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5 to \$5.99 .....	-----	-----	-----	-----	-----
\$6 to \$6.99 .....	1	8	-----	-----	9
\$7 to \$7.99 .....	1	-----	-----	-----	1
\$8 to \$8.99 .....	-----	3	-----	-----	3
\$9 to \$9.99 .....	1	1	-----	-----	2
\$10 to \$10.99 .....	3	-----	1	-----	4
\$11 to \$11.99 .....	4	-----	-----	-----	4
\$12 to \$12.99 .....	6	-----	-----	-----	6
\$13 to \$13.99 .....	1	-----	-----	-----	1
\$14 to \$14.99 .....	1	-----	-----	-----	1
\$15 to \$17.99 .....	3	-----	-----	-----	3
\$18 to \$20.99 .....	3	-----	-----	-----	3
\$21 to \$24.99 .....	2	-----	-----	-----	2
\$25 and over.....	1	-----	-----	-----	1
Totals .....	28	13	1	-----	42

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	25	12	37
February .....	26	13	39
March .....	26	13	39
April .....	29	13	42
May .....	29	13	42
June .....	29	12	41
July .....	29	7	36
August .....	29	7	36
September .....	29	8	37
October .....	29	8	37
November .....	29	8	37
December .....	29	8	37

TABLE No. 39. FOUNDRY AND MACHINE SHOP PRODUCTS.

(32 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	47	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	67	15
Under 18 years of age.....	-----	-----
Totals .....	114	15
Wage earners:		
18 years of age and over.....	641	-----
Under 18 years of age.....	2	-----
Totals .....	643	-----
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$101,955
Clerks, stenographers, salesmen, etc.....		75,654
Wage earners (including piece workers).....		517,952
Total .....		\$695,561

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					-----
\$4 to \$4.99.....	1	-----			1
\$5 to \$5.99.....	2	-----			2
\$6 to \$6.99.....	5	-----	1	-----	6
\$7 to \$7.99.....	10	-----			10
\$8 to \$8.99.....	3	-----			3
\$9 to \$9.99.....	12	-----	1	-----	13
\$10 to \$10.99.....	7	-----			7
\$11 to \$11.99.....	3	-----			3
\$12 to \$12.99.....	24	-----			24
\$13 to \$13.99.....	62	-----			62
\$14 to \$14.99.....	57	-----			57
\$15 to \$17.99.....	106	-----			106
\$18 to \$20.99.....	147	-----			147
\$21 to \$24.99.....	137	-----			137
\$25 and over.....	65	-----			65
Totals .....	641	-----	2	-----	643

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	590	-----	590
February .....	599	-----	599
March .....	603	-----	603
April .....	643	-----	643
May .....	623	-----	623
June .....	652	-----	652
July .....	634	-----	634
August .....	662	-----	662
September .....	637	-----	637
October .....	646	-----	646
November .....	638	-----	638
December .....	637	-----	637

TABLE No. 40. FURNITURE, BANK AND STORE FIXTURES, ETC.

(19 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	32	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	37	14
Under 18 years of age.....	1	
Totals .....	70	15
Wage earners:		
18 years of age and over.....	400	
Under 18 years of age.....	10	
Totals .....	410	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$51,174
Clerks, stenographers, salesmen, etc.....		56,100
Wage earners (including piece workers).....		280,478
Total .....		\$387,752

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	14		8		22
\$7 to \$7.99 .....	32		2		34
\$8 to \$8.99 .....	12				12
\$9 to \$9.99 .....	7				7
\$10 to \$10.99 .....	10				10
\$11 to \$11.99 .....	3				3
\$12 to \$12.99 .....	23				23
\$13 to \$13.99 .....	19				19
\$14 to \$14.99 .....	19				19
\$15 to \$17.99 .....	60				60
\$18 to \$20.99 .....	90				90
\$21 to \$24.99 .....	91				91
\$25 and over.....	20				20
Totals .....	400		10		410

## Number of Wage Earners, by Months.

Month	Males	Female.	Total
January .....	329		329
February .....	340		340
March .....	338		338
April .....	393		393
May .....	366		366
June .....	363		363
July .....	410		410
August .....	454		454
September .....	351		351
October .....	344		344
November .....	383		383
December .....	386		386

**TABLE No. 41. GAS (in containers).**  
(3 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	5	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	8	6
Under 18 years of age.....		
Totals .....	13	6
Wage earners:		
18 years of age and over.....	24	
Under 18 years of age.....		
Totals .....	24	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$7,950
Clerks, stenographers, salesmen, etc.....		13,505
Wage earners (including piece workers).....		19,287
Total .....		\$40,742

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4					
\$4 to \$4.99					
\$5 to \$5.99					
\$6 to \$6.99					
\$7 to \$7.99					
\$8 to \$8.99					
\$9 to \$9.99					
\$10 to \$10.99					
\$11 to \$11.99					
\$12 to \$12.99		1			1
\$13 to \$13.99		5			5
\$14 to \$14.99					
\$15 to \$17.99		10			10
\$18 to \$20.99		6			6
\$21 to \$24.99		1			1
\$25 and over		1			1
Totals .....	24				24

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	24		24
February .....	23		23
March .....	23		23
April .....	23		23
May .....	22		22
June .....	23		23
July .....	23		23
August .....	24		24
September .....	25		25
October .....	24		24
November .....	25		25
December .....	24		24



TABLE No. 42. GAS AND ELECTRIC FIXTURES.

(8 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	23	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	27	6
Under 18 years of age.....	1	
Totals .....	51	6
Wage earners:		
18 years of age and over.....	74	
Under 18 years of age.....	3	
Totals .....	77	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$47,391
Clerks, stenographers, salesmen, etc.....	40,307
Wage earners (including piece workers).....	62,126
Total .....	\$149,824

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	3		1		4
\$7 to \$7.99 .....	3				3
\$8 to \$8.99 .....	3		1		4
\$9 to \$9.99 .....	2				2
\$10 to \$10.99 .....	3		1		4
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	4				4
\$13 to \$13.99 .....					
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	11				11
\$18 to \$20.99 .....	7				7
\$21 to \$24.99 .....	30				30
\$25 and over .....	8				8
Totals .....	74		3		77

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	77		77
February .....	77		77
March .....	79		79
April .....	77		77
May .....	68		68
June .....	66		66
July .....	65		65
August .....	63		63
September .....	69		69
October .....	79		79
November .....	81		81
December .....	95		95

**TABLE No. 43. GLASS, CUTTING AND ORNAMENTING (including mirrors).**  
(5 establishments reporting.)  
**Los Angeles.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	8	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	5	1
Under 18 years of age.....		
<b>Totals</b> .....	13	1
<b>Wage earners:</b>		
18 years of age and over.....	31	
Under 18 years of age.....	1	
<b>Totals</b> .....	32	
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$14,176
Clerks, stenographers, salesmen, etc.....		6,756
Wage earners (including piece workers).....		27,043
<b>Total</b> .....		\$47,975

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....	1		1		2
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....					
\$11 to \$11.99 .....	2				2
\$12 to \$12.99 .....	3				3
\$13 to \$13.99 .....					
\$14 to \$14.99 .....	2				2
\$15 to \$17.99 .....	5				5
\$18 to \$20.99 .....	5				5
\$21 to \$24.99 .....	11				11
\$25 and over.....	1				1
<b>Totals</b> .....	31		1		32

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	32		32
February .....	33		33
March .....	29		29
April .....	30		30
May .....	28		28
June .....	30		30
July .....	30		30
August .....	27		27
September .....	31		31
October .....	29		29
November .....	31		31
December .....	33		33

TABLE No. 46. HATS AND CAPS, MEN'S.

(4 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	4	1
Clerks, stenographers, salesmen, etc.:		
18 years of age or over.....	5	3
Under 18 years of age.....		
Totals.....	9	4
Wage earners:		
18 years of age and over.....	14	12
Under 18 years of age.....		
Totals.....	14	12

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$9,505
Clerks, stenographers, salesmen, etc.....	7,405
Wage earners (including piece workers).....	13,378
Total.....	\$30,289

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....		1			1
\$4 to \$4.99.....		1			1
\$5 to \$5.99.....					
\$6 to \$6.99.....		1			1
\$7 to \$7.99.....		1			1
\$8 to \$8.99.....		2			2
\$9 to \$9.99.....					
\$10 to \$10.99.....	2				2
\$11 to \$11.99.....		1			1
\$12 to \$12.99.....		3			3
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	1	2			3
\$18 to \$20.99.....	3				3
\$21 to \$24.99.....	3				3
\$25 and over.....	5				5
Totals.....	14	12			26

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	10	7	17
February.....	14	12	26
March.....	12	16	28
April.....	9	11	20
May.....	8	9	17
June.....	7	7	14
July.....	8	8	16
August.....	11	10	21
September.....	11	16	27
October.....	18	14	32
November.....	16	15	31
December.....	17	11	28

TABLE No. 47. ICE, MANUFACTURED.

(8 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	19	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	16	1
Under 18 years of age.....		
Totals .....	35	1
Wage earners:		
18 years of age and over.....	191	
Under 18 years of age.....		
Totals .....	191	

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$34,158
Clerks, stenographers, salesmen, etc.....	16,818
Wage earners (including piece workers).....	179,388
Total .....	\$230,364

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....	1				1
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....					
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	3				3
\$13 to \$13.99 .....	3				3
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	61				61
\$18 to \$20.99 .....	69				69
\$21 to \$24.99 .....	30				30
\$25 and over.....	24				24
Totals .....	191				191

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	157		157
February .....	169		169
March .....	196		196
April .....	200		200
May .....	191		191
June .....	204		204
July .....	218		218
August .....	242		242
September .....	241		241
October .....	205		205
November .....	190		190
December .....	178		178

**TABLE No. 49. IRON AND STEEL, STRUCTURAL AND ORNAMENTAL**  
(9 establishments reporting.)  
**Los Angeles.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	29	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	101	16
Under 18 years of age.....	2	
<b>Totals</b> .....	132	16
<b>Wage earners:</b>		
18 years of age and over.....	850	
Under 18 years of age.....	6	
<b>Totals</b> .....	856	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$79,020
Clerks, stenographers, salesmen, etc.....	100,288
Wage earners (including piece workers).....	608,981
<b>Total</b> .....	\$789,289

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....			1		1
\$5 to \$5.99.....	1		3		4
\$6 to \$6.99.....	1		2		3
\$7 to \$7.99.....	3				3
\$8 to \$8.99.....	2				2
\$9 to \$9.99.....	7				7
\$10 to \$10.99.....	8				8
\$11 to \$11.99.....	14				14
\$12 to \$12.99.....	161				161
\$13 to \$13.99.....	93				93
\$14 to \$14.99.....	90				90
\$15 to \$17.99.....	172				172
\$18 to \$20.99.....	130				130
\$21 to \$24.99.....	110				110
\$25 and over.....	58				58
<b>Totals</b> .....	850		6		856

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	1,011		1,011
February.....	909		909
March.....	802		802
April.....	842		842
May.....	922		922
June.....	969		969
July.....	933		933
August.....	924		924
September.....	856		856
October.....	711		711
November.....	768		768
December.....	904		904

**TABLE No. 50. JEWELRY.**  
(7 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	3	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	3	5
Under 18 years of age.....	1	-----
Totals .....	7	5
Wage earners:		
18 years of age and over.....	51	4
Under 18 years of age.....		-----
Totals .....	51	4
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$4,160
Clerks, stenographers, salesmen, etc.....		4,769
Wage earners (including piece workers).....		51,716
Total .....		\$60,645

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....		1			1
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....					
\$8 to \$8.99 .....	1				1
\$9 to \$9.99 .....	2				2
\$10 to \$10.99 .....		1			1
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	6	1			7
\$13 to \$13.99 .....	2				2
\$14 to \$14.99 .....	3				3
\$15 to \$17.99 .....	11				11
\$18 to \$20.99 .....	5	1			6
\$21 to \$24.99 .....	7				7
\$25 and over.....	12				12
Totals .....	51	4			55

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	39	4	43
February .....	46	3	49
March .....	49	6	55
April .....	50	6	56
May .....	49	4	53
June .....	51	4	55
July .....	53	3	56
August .....	60	4	64
September .....	62	5	67
October .....	59	5	64
November .....	59	4	63
December .....	59	4	63

TABLE No. 52. LAUNDRIES.

(20 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	49	3
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	150	213
Under 18 years of age.....	1	
Totals .....	200	216
Wage earners:		
18 years of age and over.....	657	1,527
Under 18 years of age.....		3
Totals .....	657	1,530
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$115,096
Clerks, stenographers, salesmen, etc.....		259,022
Wage earners (including piece workers).....		1,136,544
Total .....		\$1,510,662

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....		27			27
\$6 to \$6.99.....	10	121			131
\$7 to \$7.99.....	57	494		3	554
\$8 to \$8.99.....	43	286			329
\$9 to \$9.99.....	39	267			306
\$10 to \$10.99.....	47	121			168
\$11 to \$11.99.....	8	31			39
\$12 to \$12.99.....	83	90			173
\$13 to \$13.99.....	24	18			42
\$14 to \$14.99.....	17	19			36
\$15 to \$17.99.....	161	40			201
\$18 to \$20.99.....	102	11			113
\$21 to \$24.99.....	29	2			31
\$25 and over.....	37				37
Totals .....	657	1,527		3	2,187

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	649	1,496	2,145
February .....	640	1,497	2,137
March .....	645	1,495	2,140
April .....	655	1,501	2,156
May .....	636	1,458	2,094
June .....	633	1,488	2,121
July .....	672	1,576	2,248
August .....	679	1,546	2,225
September .....	672	1,526	2,198
October .....	662	1,557	2,219
November .....	661	1,509	2,170
December .....	657	1,530	2,187

TABLE No. 53. LEATHER GOODS.

(6 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
<b>Salaried:</b>		
Officers, superintendents and managers.....	14	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	28	9
Under 18 years of age.....		
<b>Totals</b> .....	42	9
<b>Wage earners:</b>		
18 years of age and over.....	43	12
Under 18 years of age.....	2	
<b>Totals</b> .....	45	12
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$25,260
Clerks, stenographers, salesmen, etc.....		38,895
Wage earners (including piece workers).....		39,190
<b>Total</b> .....		\$103,345

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....	1	1			2
\$6 to \$6.99.....		3	1		4
\$7 to \$7.99.....		2			2
\$8 to \$8.99.....	1	1	1		3
\$9 to \$9.99.....		3	1		3
\$10 to \$10.99.....	3	1			4
\$11 to \$11.99.....		1			1
\$12 to \$12.99.....	1				1
\$13 to \$13.99.....	4				4
\$14 to \$14.99.....	4				4
\$15 to \$17.99.....	9				9
\$18 to \$20.99.....	12				12
\$21 to \$24.99.....	7				7
\$25 and over.....	1				1
<b>Totals</b> .....	43	12	2		57

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	53	12	65
February .....	48	9	57
March .....	50	10	60
April .....	44	8	52
May .....	45	9	54
June .....	44	9	53
July .....	44	9	53
August .....	44	9	53
September .....	42	10	52
October .....	41	8	49
November .....	45	12	57
December .....	60	16	76



TABLE No. 55. LIQUORS, MALT.

(3 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	18	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	44	4
Under 18 years of age.....		
Totals.....	62	4
Wage earners:		
18 years of age and over.....	324	
Under 18 years of age.....		
Totals.....	324	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$87,300
Clerks, stenographers, salesmen, etc.....		59,641
Wage earners (including piece workers).....		362,769
Total.....		\$509,710

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....	1				1
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	1				1
\$18 to \$20.99.....	148				148
\$21 to \$24.99.....	88				88
\$25 and over.....	86				86
Totals.....	324				324

Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	324		324
February.....	314		314
March.....	312		312
April.....	325		325
May.....	323		323
June.....	337		337
July.....	332		332
August.....	329		329
September.....	330		330
October.....	317		317
November.....	309		309
December.....	312		312

TABLE No. 57. LUMBER INDUSTRY—PLANING MILLS.

(7 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	10	-----
Clerks, stenographers, salesmen, etc.:.....	30	2
18 years of age and over.....	-----	-----
Under 18 years of age.....	-----	-----
Totals.....	40	2
Wage earners:		
18 years of age and over.....	291	-----
Under 18 years of age.....	2	-----
Totals.....	293	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$24,320
Clerks, stenographers, salesmen, etc.....	58,550
Wage earners (including piece workers).....	225,540
Total.....	\$308,410

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	-----	-----	-----	-----	-----
\$4 to \$4.99.....	-----	-----	-----	-----	-----
\$5 to \$5.99.....	-----	-----	-----	-----	-----
\$6 to \$6.99.....	1	-----	-----	-----	1
\$7 to \$7.99.....	1	-----	-----	-----	1
\$8 to \$8.99.....	-----	-----	1	-----	1
\$9 to \$9.99.....	8	-----	-----	-----	8
\$10 to \$10.99.....	10	-----	1	-----	11
\$11 to \$11.99.....	3	-----	-----	-----	3
\$12 to \$12.99.....	6	-----	-----	-----	6
\$13 to \$13.99.....	25	-----	-----	-----	25
\$14 to \$14.99.....	-----	-----	-----	-----	-----
\$15 to \$17.99.....	113	-----	-----	-----	113
\$18 to \$20.99.....	64	-----	-----	-----	64
\$21 to \$24.99.....	49	-----	-----	-----	49
\$25 and over.....	11	-----	-----	-----	11
Totals.....	291	-----	2	-----	293

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	283	-----	283
February.....	310	-----	310
March.....	325	-----	325
April.....	330	-----	330
May.....	273	-----	273
June.....	280	-----	280
July.....	235	-----	235
August.....	290	-----	290
September.....	338	-----	338
October.....	310	-----	310
November.....	307	-----	307
December.....	340	-----	340

**TABLE No. 58. LUMBER INDUSTRY—SASH AND DOOR MILLS AND HOUSE FINISH.**(16 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaries:		
Officers, superintendents and managers.....	24	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	40	10
Under 18 years of age.....		
Totals .....	64	10
Wage earners:		
18 years of age and over.....	539	
Under 18 years of age.....	20	
Totals .....	559	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$42,349
Clerks, stenographers, salesmen, etc.....	97,309
Wage earners (including piece workers).....	515,779
<b>Total .....</b>	<b>\$655,437</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....			1		1
\$7 to \$7.99.....			2		2
\$8 to \$8.99.....					
\$9 to \$9.99.....	4		2		6
\$10 to \$10.99.....	16		15		31
\$11 to \$11.99.....	4				4
\$12 to \$12.99.....	28				28
\$13 to \$13.99.....	83				83
\$14 to \$14.99.....	82				82
\$15 to \$17.99.....	71				71
\$18 to \$20.99.....	155				155
\$21 to \$24.99.....	88				88
\$25 and over.....	8				8
Totals .....	539		20		559

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	559		559
February .....	576		576
March .....	601		601
April .....	607		607
May .....	685		685
June .....	744		744
July .....	582		582
August .....	488		488
September .....	457		457
October .....	478		478
November .....	447		447
December .....	488		488

**TABLE No. 61. MARBLE AND STONE WORK.**  
(4 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	2	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....		
Under 18 years of age.....		
Totals.....	2	
Wage earners:		
18 years of age and over.....	20	
Under 18 years of age.....		
Totals.....	20	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$6,300
Clerks, stenographers, salesmen, etc.....		
Wage earners (including piece workers).....		20,051
Total.....		\$26,351

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....					
\$11 to \$11.99.....					
\$12 to \$12.99.....					
\$13 to \$13.99.....					
\$14 to \$14.99.....					
\$15 to \$17.99.....	1				1
\$18 to \$20.99.....	1				1
\$21 to \$24.99.....	6				6
\$25 and over.....	12				12
Totals.....	20				20

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	20		20
February.....	19		19
March.....	19		19
April.....	41		41
May.....	39		39
June.....	29		29
July.....	11		11
August.....	10		10
September.....	9		9
October.....	5		5
November.....	18		18
December.....	16		16

TABLE No. 62. MATTRESSES, PILLOWS AND BEDDING.

(5 establishments reporting.)

Los Angeles.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	9	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	8	5
Under 18 years of age.....	-----	-----
<b>Totals.....</b>	<b>17</b>	<b>5</b>
<b>Wage earners:</b>		
18 years of age and over.....	94	26
Under 18 years of age.....	2	-----
<b>Totals.....</b>	<b>96</b>	<b>26</b>

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$22,600
Clerks, stenographers, salesmen, etc.....	17,359
Wage earners (including piece workers).....	79,702
<b>Total.....</b>	<b>\$119,661</b>

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					-----
\$4 to \$4.99.....					-----
\$5 to \$5.99.....		1	1		2
\$6 to \$6.99.....	3				3
\$7 to \$7.99.....	2	6	1		9
\$8 to \$8.99.....		4			4
\$9 to \$9.99.....	3	2			5
\$10 to \$10.99.....	3	2			5
\$11 to \$11.99.....	14	1			15
\$12 to \$12.99.....	8	3			11
\$13 to \$13.99.....	11	1			12
\$14 to \$14.99.....	1	5			6
\$15 to \$17.99.....	23	1			24
\$18 to \$20.99.....	13				13
\$21 to \$24.99.....	5				5
\$25 and over.....	8				8
<b>Totals.....</b>	<b>94</b>	<b>26</b>	<b>2</b>	-----	<b>122</b>

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	108	23	131
February.....	99	24	123
March.....	102	24	126
April.....	98	20	118
May.....	96	23	119
June.....	97	20	117
July.....	101	23	124
August.....	96	21	117
September.....	92	20	112
October.....	91	24	115
November.....	96	21	117
December.....	96	26	122

TABLE No. 63. METAL SIGNS, STENCILS AND RUBBER STAMPS.

(4 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	10	1
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	5	1
Under 18 years of age.....	2	
Totals .....	17	2
Wage earners:		
18 years of age and over.....	31	13
Under 18 years of age.....		
Totals .....	31	13

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$13,924
Clerks, stenographers, salesmen, etc.....	6,907
Wage earners (including piece workers).....	27,937
Total .....	\$48,768

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....		2			2
\$7 to \$7.99 .....		2			2
\$8 to \$8.99 .....		5			5
\$9 to \$9.99 .....	1	2			3
\$10 to \$10.99 .....					
\$11 to \$11.99 .....	6	2			8
\$12 to \$12.99 .....	4				4
\$13 to \$13.99 .....	7				7
\$14 to \$14.99 .....	2				2
\$15 to \$17.99 .....	4				4
\$18 to \$20.99 .....	4				4
\$21 to \$24.99 .....	3				3
\$25 and over .....					
Totals .....	31	13			44

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	22	10	32
February .....	18	7	25
March .....	17	5	22
April .....	19	5	24
May .....	20	9	29
June .....	16	11	27
July .....	16	6	22
August .....	17	7	24
September .....	31	13	44
October .....	67	32	99
November .....	78	34	112
December .....	63	41	104

**TABLE No. 65. OIL STOVES AND OIL BURNING EQUIPMENT.**

(5 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	2	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	9	1
Under 18 years of age.....		
Totals .....	11	1
Wage earners:		
18 years of age and over.....	23	
Under 18 years of age.....		
Totals .....	23	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$3,260
Clerks, stenographers, salesmen, etc.....		5,573
Wage earners (including piece workers).....		21,172
Total .....		\$30,005

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4					
\$4 to \$4.99					
\$5 to \$5.99					
\$6 to \$6.99					
\$7 to \$7.99					
\$8 to \$8.99	1				1
\$9 to \$9.99					
\$10 to \$10.99					
\$11 to \$11.99					
\$12 to \$12.99	2				2
\$13 to \$13.99	1				1
\$14 to \$14.99	1				1
\$15 to \$17.99	4				4
\$18 to \$20.99	6				6
\$21 to \$24.99	7				7
\$25 and over	1				1
Totals .....	23				23

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January	28		28
February	25		25
March	25		25
April	21		21
May	19		19
June	18		18
July	19		19
August	18		18
September	20		20
October	24		24
November	23		23
December	23		23

**TABLE No. 66. OIL WELL TOOLS AND SUPPLIES.**  
(5 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.....		
Salaried:		
Officers, superintendents and managers.....	14	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	12	9
Under 18 years of age.....		
Totals .....	26	9
Wage earners:		
18 years of age and over.....	147	
Under 18 years of age.....		
Totals .....	147	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$29,880
Clerks, stenographers, salesmen, etc.....		23,077
Wage earners (including piece workers).....		104,658
Total .....		\$157,615

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....	2				2
\$7 to \$7.99 .....					
\$8 to \$8.99 .....	5				5
\$9 to \$9.99 .....	2				2
\$10 to \$10.99 .....	4				4
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	8				8
\$13 to \$13.99 .....	13				13
\$14 to \$14.99 .....	18				18
\$15 to \$17.99 .....	24				24
\$18 to \$20.99 .....	21				21
\$21 to \$24.99 .....	31				31
\$25 and over.....	19				19
Totals .....	147				147

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	128		128
February .....	128		128
March .....	154		154
April .....	149		149
May .....	146		146
June .....	167		167
July .....	151		151
August .....	157		157
September .....	153		153
October .....	153		153
November .....	149		149
December .....	147		147



**TABLE No. 67. PACKING AND PROCESSING DRIED FRUITS.**  
(3 establishments reporting.)  
**Los Angeles.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	4	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	7	2
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	11	2
<b>Wage earners:</b>		
18 years of age and over.....	105	83
Under 18 years of age.....	-----	1
<b>Totals</b> .....	105	84

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$12,320
Clerks, stenographers, salesmen, etc.....	10,360
Wage earners (including piece workers).....	43,273
<b>Total</b> .....	\$65,953

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					-----
\$4 to \$4.99 .....					-----
\$5 to \$5.99 .....		1		1	2
\$6 to \$6.99 .....		43			43
\$7 to \$7.99 .....	25	36			61
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....		1			1
\$10 to \$10.99 .....					-----
\$11 to \$11.99 .....					-----
\$12 to \$12.99 .....	13	1			14
\$13 to \$13.99 .....					-----
\$14 to \$14.99 .....					-----
\$15 to \$17.99 .....	66				66
\$18 to \$20.99 .....	1				1
\$21 to \$24.99 .....					-----
\$25 and over .....					-----
<b>Totals</b> .....	105	83		1	189

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	5	16	21
February .....	6	19	25
March .....	4	5	9
April .....			-----
May .....			-----
June .....			-----
July .....	41	68	109
August .....	79	119	198
September .....	111	140	251
October .....	117	108	225
November .....	105	84	189
December .....	73	24	97

**TABLE No. 68. PAINTS AND VARNISHES.**  
(7 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	10	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	31	6
Under 18 years of age.....	-----	-----
Totals .....	41	6
Wage earners:		
18 years of age and over.....	42	3
Under 18 years of age.....	1	-----
Totals .....	43	3
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$22,785
Clerks, stenographers, salesmen, etc.....		43,180
Wage earners (including piece workers).....		30,028
Total .....		\$95,993

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					-----
\$4 to \$4.99 .....					-----
\$5 to \$5.99 .....			1		1
\$6 to \$6.99 .....					-----
\$7 to \$7.99 .....		1			1
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....	14	1			15
\$10 to \$10.99 .....					-----
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	8				8
\$13 to \$13.99 .....	4				4
\$14 to \$14.99 .....					-----
\$15 to \$17.99 .....	6				6
\$18 to \$20.99 .....	8				8
\$21 to \$24.99 .....	1				1
\$25 and over .....					-----
Totals .....	42	3	1		46

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	40	2	42
February .....	40	2	42
March .....	40	2	42
April .....	41	2	43
May .....	40	3	43
June .....	40	3	43
July .....	40	3	43
August .....	42	3	45
September .....	41	3	44
October .....	41	3	44
November .....	42	3	45
December .....	43	3	46

TABLE No. 72. PHOTO-ENGRAVING, ELECTROTYPING AND STEREOTYPING.

(9 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	15	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	10	6
Under 18 years of age.....	-----	-----
Totals .....	25	6
Wage earners:		
18 years of age and over.....	48	4
Under 18 years of age.....	3	1
Totals .....	51	5

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$28,564
Clerks, stenographers, salesmen, etc.....	12,802
Wage earners (including piece workers).....	48,264
Total .....	\$89,630

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	-----	-----	-----	-----	-----
\$4 to \$4.99 .....	-----	-----	-----	-----	-----
\$5 to \$5.99 .....	-----	-----	1	-----	1
\$6 to \$6.99 .....	1	-----	1	-----	2
\$7 to \$7.99 .....	-----	1	-----	-----	1
\$8 to \$8.99 .....	1	-----	1	-----	2
\$9 to \$9.99 .....	1	2	-----	-----	3
\$10 to \$10.99 .....	4	-----	-----	-----	4
\$11 to \$11.99 .....	1	-----	-----	1	2
\$12 to \$12.99 .....	1	-----	-----	-----	1
\$13 to \$13.99 .....	3	-----	-----	-----	3
\$14 to \$14.99 .....	-----	-----	-----	-----	-----
\$15 to \$17.99 .....	2	-----	-----	-----	2
\$18 to \$20.99 .....	3	-----	-----	-----	3
\$21 to \$24.99 .....	15	-----	-----	-----	15
\$25 and over .....	16	1	-----	-----	17
Totals .....	48	4	3	1	56

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	51	4	55
February .....	52	4	56
March .....	52	4	56
April .....	49	5	54
May .....	49	5	54
June .....	49	5	54
July .....	49	5	54
August .....	48	5	53
September .....	48	5	53
October .....	48	4	52
November .....	48	4	52
December .....	48	5	53

TABLE No. 73. PRINTING AND PUBLISHING.

(69 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	104	4
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	414	57
Under 18 years of age.....	4	
Totals .....	522	61
Wage earners:		
18 years of age and over.....	749	171
Under 18 years of age.....	32	6
Totals .....	781	177

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$233,134
Clerks, stenographers, salesmen, etc.....	420,300
Wage earners (including piece workers).....	850,298
Total .....	\$1,503,732

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....		7			7
\$4 to \$4.99.....	4		1		5
\$5 to \$5.99.....	3	3	1	1	8
\$6 to \$6.99.....	5	10	7	1	23
\$7 to \$7.99.....	10	6	13	2	31
\$8 to \$8.99.....	8	16	6		30
\$9 to \$9.99.....	17	42	3	2	64
\$10 to \$10.99.....	16	40	1		57
\$11 to \$11.99.....	4	12			16
\$12 to \$12.99.....	35	9			44
\$13 to \$13.99.....	19	4			23
\$14 to \$14.99.....	31	6			37
\$15 to \$17.99.....	82	6			88
\$18 to \$20.99.....	80	5			85
\$21 to \$24.99.....	130	2			132
\$25 and over.....	305	3			308
Totals .....	749	171	32	6	958

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	806	175	981
February .....	783	160	943
March .....	788	163	951
April .....	783	158	941
May .....	808	182	990
June .....	787	187	974
July .....	791	156	947
August .....	757	157	914
September .....	776	161	937
October .....	782	167	949
November .....	778	172	950
December .....	815	188	1,003

TABLE No. 74. ROCK QUARRYING AND CRUSHING.

(6 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	8	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	4	1
Under 18 years of age.....	-----	-----
Totals.....	12	1
Wage earners:		
18 years of age and over.....	47	-----
Under 18 years of age.....	1	-----
Totals.....	48	-----

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$19,183
Clerks, stenographers, salesmen, etc.....	6,049
Wage earners (including piece workers).....	55,148
Total.....	\$80,380

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....			1	-----	1
\$4 to \$4.99.....			-----	-----	-----
\$5 to \$5.99.....			-----	-----	-----
\$6 to \$6.99.....			-----	-----	-----
\$7 to \$7.99.....			-----	-----	-----
\$8 to \$8.99.....			-----	-----	-----
\$9 to \$9.99.....			-----	-----	-----
\$10 to \$10.99.....			-----	-----	-----
\$11 to \$11.99.....			-----	-----	-----
\$12 to \$12.99.....	2	-----	-----	-----	2
\$13 to \$13.99.....	6	-----	-----	-----	6
\$14 to \$14.99.....	1	-----	-----	-----	1
\$15 to \$17.99.....	15	-----	-----	-----	15
\$18 to \$20.99.....	11	-----	-----	-----	11
\$21 to \$24.99.....	3	-----	-----	-----	3
\$25 and over.....	9	-----	-----	-----	9
Totals.....	47	-----	1	-----	48

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	68	-----	68
February.....	68	-----	68
March.....	54	-----	54
April.....	61	-----	61
May.....	59	-----	59
June.....	40	-----	40
July.....	31	-----	31
August.....	45	-----	45
September.....	49	-----	49
October.....	48	-----	48
November.....	45	-----	45
December.....	47	-----	47

**TABLE No. 75. ROOFING MATERIALS AND BUILDING PAPER.**  
(4 establishments reporting.)  
**Los Angeles.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	17	
Clerks, stenographers, salesmen, etc.: 18 years of age and over.....	56	7
Under 18 years of age.....		
<b>Totals .....</b>	<b>73</b>	<b>7</b>
<b>Wage earners:</b>		
18 years of age and over.....	180	
Under 18 years of age.....		
<b>Totals .....</b>	<b>180</b>	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$53,793
Clerks, stenographers, salesmen, etc.....	70,598
Wage earners (including piece workers).....	132,144
<b>Total .....</b>	<b>\$256,535</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....					
\$8 to \$8.99.....	1				1
\$9 to \$9.99.....					
\$10 to \$10.99.....	20				20
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....	17				17
\$13 to \$13.99.....	3				3
\$14 to \$14.99.....					
\$15 to \$17.99.....	54				54
\$18 to \$20.99.....	65				65
\$21 to \$24.99.....	18				18
\$25 and over.....	1				1
<b>Totals .....</b>	<b>180</b>				<b>180</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	169		169
February.....	174		174
March.....	180		180
April.....	183		183
May.....	164		164
June.....	165		165
July.....	141		141
August.....	155		155
September.....	158		158
October.....	191		191
November.....	194		194
December.....	190		190

**TABLE No. 76. RUBBER GOODS—MECHANICAL, AND RUBBER SPECIALTIES.**(3 establishments reporting.)  
Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	1	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	11	6
Under 18 years of age.....		
Totals .....	12	6
Wage earners:		
18 years of age and over.....	32	10
Under 18 years of age.....		
Totals .....	32	10

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$600
Clerks, stenographers, salesmen, etc.....	4,787
Wage earners (including piece workers).....	22,869
Total .....	\$28,256

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....		3			3
\$6 to \$6.99.....		1			1
\$7 to \$7.99.....	1	3			4
\$8 to \$8.99.....	2	2			4
\$9 to \$9.99.....	4	1			5
\$10 to \$10.99.....					
\$11 to \$11.99.....	3				3
\$12 to \$12.99.....	8				8
\$13 to \$13.99.....					
\$14 to \$14.99.....	4				4
\$15 to \$17.99.....	5				5
\$18 to \$20.99.....	3				3
\$21 to \$24.99.....	2				2
\$25 and over.....					
Totals .....	32	10			42

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	32	10	42
February .....	33	10	43
March .....	37	10	47
April .....	36	10	46
May .....	36	10	46
June .....	39	10	49
July .....	35	9	44
August .....	31	9	40
September .....	29	9	38
October .....	29	9	38
November .....	28	9	37
December .....	16	8	24

**TABLE No. 78. SHEET METAL PRODUCTS (not including tin cans).**  
 (17 establishments reporting.)  
 Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	25	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	40	9
Under 18 years of age.....	1	-----
Totals .....	66	9
Wage earners:		
18 years of age and over.....	203	9
Under 18 years of age.....	1	-----
Totals .....	204	9
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$76,570
Clerks, stenographers, salesmen, etc.....		54,445
Wage earners (including piece workers).....		173,430
Total .....		\$304,445

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....			1		1
\$6 to \$6.99 .....	1				1
\$7 to \$7.99 .....	1	5			6
\$8 to \$8.99 .....		1			1
\$9 to \$9.99 .....	3	1			4
\$10 to \$10.99 .....	3	2			5
\$11 to \$11.99 .....	5				5
\$12 to \$12.99 .....	14				14
\$13 to \$13.99 .....	15				15
\$14 to \$14.99 .....	4				4
\$15 to \$17.99 .....	38				38
\$18 to \$20.99 .....	31				31
\$21 to \$24.99 .....	47				47
\$25 and over .....	41				41
Totals .....	203	9	1		213

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	233	2	235
February .....	217	2	219
March .....	216	5	221
April .....	212	13	225
May .....	195	5	200
June .....	179	4	183
July .....	185	4	189
August .....	219	4	223
September .....	213	3	216
October .....	230	3	233
November .....	202	3	205
December .....	175	9	184



TABLE No. 80. SLAUGHTERING AND MEAT PACKING.

(5 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	12	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	169	14
Under 18 years of age.....	2	
Totals .....	183	14
Wage earners:		
18 years of age and over.....	722	37
Under 18 years of age.....	6	1
Totals .....	728	38

## Salary and wage payments—annual:

Officers, superintendents and managers.....	\$44,574
Clerks, stenographers, salesmen, etc.....	211,161
Wage earners (including piece workers).....	513,022
Total .....	\$768,757

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....	37				37
\$4 to \$4.99.....	9	1			10
\$5 to \$5.99.....	1	5			6
\$6 to \$6.99.....	5	21	5	1	32
\$7 to \$7.99.....	1	4	1		6
\$8 to \$8.99.....	9				9
\$9 to \$9.99.....	7	2			9
\$10 to \$10.99.....	90				90
\$11 to \$11.99.....	12				12
\$12 to \$12.99.....	138				138
\$13 to \$13.99.....	94	4			98
\$14 to \$14.99.....	14				14
\$15 to \$17.99.....	123				123
\$18 to \$20.99.....	103				103
\$21 to \$24.99.....	53				53
\$25 and over.....	26				26
Totals .....	722	37	6	1	766

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	865	33	898
February .....	648	32	680
March .....	776	21	797
April .....	738	39	777
May .....	728	38	766
June .....	727	34	761
July .....	735	26	761
August .....	778	27	805
September .....	763	57	820
October .....	649	37	686
November .....	678	29	707
December .....	856	30	886

**TABLE No. 81. SMELTING AND REFINING.**  
(3 establishments reporting.)  
Los Angeles.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	4	-----
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	2	1
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	6	1
<b>Wage earners:</b>		
18 years of age and over.....	62	-----
Under 18 years of age.....	-----	-----
<b>Totals</b> .....	62	-----
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$7,575
Clerks, stenographers, salesmen, etc.....		1,085
Wage earners (including piece workers).....		34,396
<b>Total</b> .....		\$43,056

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....					
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	34				34
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	6				6
\$13 to \$13.99 .....	3				3
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	3				3
\$18 to \$20.99 .....	2				2
\$21 to \$24.99 .....	8				8
\$25 and over .....	6				6
<b>Totals</b> .....	62				62

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
<b>January</b> .....	5		5
<b>February</b> .....	5		5
<b>March</b> .....	5		5
<b>April</b> .....	5		5
<b>May</b> .....	91		91
<b>June</b> .....	70		70
<b>July</b> .....	42		42
<b>August</b> .....	85		85
<b>September</b> .....	64		64
<b>October</b> .....	87		87
<b>November</b> .....	62		62
<b>December</b> .....	100		100

**TABLE No 83. STOVES AND FURNACES (not including oil stoves).**  
 (4 establishments reporting.)  
 Los Angeles.

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	1	
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	4	1
Under 18 years of age.....		
<b>Totals</b> .....	<b>5</b>	<b>1</b>
<b>Wage earners:</b>		
18 years of age and over.....	36	
Under 18 years of age.....	2	
<b>Totals</b> .....	<b>38</b>	

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$1,500
Clerks, stenographers, salesmen, etc.....	5,675
Wage earners (including piece workers).....	26,045
<b>Total</b> .....	<b>\$33,220</b>

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....			2		2
\$7 to \$7.99 .....					
\$8 to \$8.99 .....					
\$9 to \$9.99 .....	2				2
\$10 to \$10.99 .....					
\$11 to \$11.99 .....					
\$12 to \$12.99 .....	1				1
\$13 to \$13.99 .....					
\$14 to \$14.99 .....					
\$15 to \$17.99 .....	4				4
\$18 to \$20.99 .....	16				16
\$21 to \$24.99 .....	8				8
\$25 and over.....	5				5
<b>Totals</b> .....	<b>36</b>		<b>2</b>		<b>38</b>

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	32		32
February .....	28		28
March .....	41		41
April .....	32		32
May .....	27		27
June .....	41		41
July .....	23		23
August .....	22		22
September .....	24		24
October .....	36		36
November .....	41		41
December .....	38		38

TABLE No. 86. TOBACCO MANUFACTURES.

(11 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	6	
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	6	
Under 18 years of age.....		
Totals .....	12	
Wage earners:		
18 years of age and over.....	81	30
Under 18 years of age.....	3	6
Totals .....	84	36

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$7,465
Clerks, stenographers, salesmen, etc.....	11,365
Wage earners (including piece workers).....	74,079
Total .....	\$92,909

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99 .....					
\$5 to \$5.99 .....					
\$6 to \$6.99 .....			1	6	7
\$7 to \$7.99 .....	1				1
\$8 to \$8.99 .....	2	10	2		14
\$9 to \$9.99 .....	1	5			6
\$10 to \$10.99 .....	7	3			10
\$11 to \$11.99 .....	1				1
\$12 to \$12.99 .....	2	1			3
\$13 to \$13.99 .....	3				3
\$14 to \$14.99 .....	2				2
\$15 to \$17.99 .....	25	4			29
\$18 to \$20.99 .....	24	2			26
\$21 to \$24.99 .....	11	3			14
\$25 and over.....	2	2			4
Totals .....	81	30	3	6	120

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	83	37	120
February .....	77	34	111
March .....	82	36	118
April .....	80	35	115
May .....	82	39	121
June .....	87	40	127
July .....	85	36	121
August .....	76	32	108
September .....	81	35	116
October .....	79	34	113
November .....	84	35	119
December .....	85	35	120

TABLE No. 87. TRUNKS, VALISES, ETC.

(3 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
<b>Salaried:</b>		
Officers, superintendents and managers.....	2	
Olerks, stenographers, salesmen, etc.:		
18 years of age and over.....	1	1
Under 18 years of age.....		
Totals.....	3	1
<b>Wage earners:</b>		
18 years of age and over.....	20	3
Under 18 years of age.....		
Totals.....	20	3

<b>Salary and wage payments—annual:</b>	
Officers, superintendents and managers.....	\$3,930
Olerks, stenographers, salesmen, etc.....	1,664
Wage earners (including piece workers).....	16,304
<b>Total.....</b>	<b>\$21,898</b>

## Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....					
\$4 to \$4.99.....					
\$5 to \$5.99.....		1			1
\$6 to \$6.99.....					
\$7 to \$7.99.....	1	1			2
\$8 to \$8.99.....					
\$9 to \$9.99.....					
\$10 to \$10.99.....	1	1			2
\$11 to \$11.99.....	2				2
\$12 to \$12.99.....	2				2
\$13 to \$13.99.....					
\$14 to \$14.99.....	2				2
\$15 to \$17.99.....	8				8
\$18 to \$20.99.....	1				1
\$21 to \$24.99.....					
\$25 and over.....	3				3
Totals.....	20	3			23

## Number of Wage Earners, by Months.

Month	Males	Females	Total
January.....	18	2	20
February.....	19	2	21
March.....	19	3	22
April.....	19	4	23
May.....	20	3	23
June.....	20	6	26
July.....	22	6	28
August.....	24	6	30
September.....	23	7	30
October.....	25	5	30
November.....	22	5	27
December.....	20	3	23

TABLE No. 88. WINDOW SHADES.

(6 establishments reporting.)

Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	7	-----
Clerks, stenographers, salesmen, etc.:		
18 years of age and over.....	2	2
Under 18 years of age.....	-----	-----
Totals .....	9	2
Wage earners:		
18 years of age and over.....	36	3
Under 18 years of age.....	1	-----
Totals .....	37	3

Salary and wage payments—annual:	
Officers, superintendents and managers.....	\$5,530
Clerks, stenographers, salesmen, etc.....	2,241
Wage earners (including piece workers).....	14,050
Total .....	\$21,821

Weekly Wage Rates of Wage Earners.

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....					
\$7 to \$7.99.....		1			1
\$8 to \$8.99.....		2			3
\$9 to \$9.99.....			1		1
\$10 to \$10.99.....	1				1
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....	1				1
\$13 to \$13.99.....	4				4
\$14 to \$14.99.....	2				2
\$15 to \$17.99.....	10				10
\$18 to \$20.99.....	14				14
\$21 to \$24.99.....	3				3
\$25 and over.....					
Totals .....	36	3	1		40

Number of Wage Earners, by Months.

Month	Males	Females	Total
January .....	36	1	37
February .....	39	1	40
March .....	36	2	38
April .....	37	1	38
May .....	38	1	39
June .....	37	3	40
July .....	40	3	43
August .....	39	3	42
September .....	39	3	42
October .....	42	3	45
November .....	38	2	40
December .....	40	2	42

**TABLE No. 89. WIRE WORK (including wire rope, netting, etc.)**  
 (5 establishments reporting.)  
 Los Angeles.

	Male	Female
Number of employees.		
Salaried:		
Officers, superintendents and managers.....	5	1
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	7	
Under 18 years of age.....		
Totals .....	12	1
Wage earners:		
18 years of age and over.....	32	
Under 18 years of age.....		
Totals .....	32	
Salary and wage payments—annual:		
Officers, superintendents and managers.....		\$16,844
Clerks, stenographers, salesmen, etc.....		5,815
Wage earners (including piece workers).....		24,071
Total .....		\$46,730

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4 .....					
\$4 to \$4.99.....					
\$5 to \$5.99.....					
\$6 to \$6.99.....	1				1
\$7 to \$7.99.....					
\$8 to \$8.99.....					
\$9 to \$9.99.....	1				1
\$10 to \$10.99.....	2				2
\$11 to \$11.99.....	1				1
\$12 to \$12.99.....	1				1
\$13 to \$13.99.....	7				7
\$14 to \$14.99.....	2				2
\$15 to \$17.99.....	7				7
\$18 to \$20.99.....	10				10
\$21 to \$24.99.....					
\$25 and over.....					
Totals .....	32				32

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January .....	37		37
February .....	32		32
March .....	31		31
April .....	32		32
May .....	32		32
June .....	35		35
July .....	33		33
August .....	30		30
September .....	31		31
October .....	28		28
November .....	31		31
December .....	32		32

**TABLE No. 90. ALL OTHER INDUSTRIES.\***  
(46 establishments reporting.)  
**Los Angeles.**

	Male	Female
<b>Number of employees.</b>		
<b>Salaried:</b>		
Officers, superintendents and managers.....	90	2
Clerks, stenographers, salesmen, etc.:.....		
18 years of age and over.....	91	54
Under 18 years of age.....	3	
<b>Totals</b> .....	184	56
<b>Wage earners:</b>		
18 years of age and over.....	814	121
Under 18 years of age.....	14	7
<b>Totals</b> .....	828	128
<b>Salary and wage payments—annual:</b>		
Officers, superintendents and managers.....		\$191,603
Clerks, stenographers, salesmen, etc.....		145,724
Wage earners (including piece workers).....		703,226
<b>Total</b> .....		\$1,040,553

**Weekly Wage Rates of Wage Earners.**

Weekly wage rate	18 years of age and over		Under 18 years of age		Total
	Males	Females	Males	Females	
Under \$4.....	3		2	3	8
\$4 to \$4.99.....		8			8
\$5 to \$5.99.....	3	6	3	3	15
\$6 to \$6.99.....	7	12	4	1	24
\$7 to \$7.99.....	10	16	2		28
\$8 to \$8.99.....	10	16	1		27
\$9 to \$9.99.....	19	21			40
\$10 to \$10.99.....	39	11	2		52
\$11 to \$11.99.....	34	12			46
\$12 to \$12.99.....	88	9			97
\$13 to \$13.99.....	67	5			72
\$14 to \$14.99.....	45	1			46
\$15 to \$17.99.....	184	3			187
\$18 to \$20.99.....	137	1			138
\$21 to \$24.99.....	105				105
\$25 and over.....	63				63
<b>Totals</b> .....	814	121	14	7	956

**Number of Wage Earners, by Months.**

Month	Males	Females	Total
January.....	740	75	815
February.....	765	100	865
March.....	762	125	887
April.....	810	131	941
May.....	828	121	949
June.....	796	128	924
July.....	782	114	896
August.....	861	134	995
September.....	857	143	1,000
October.....	835	137	972
November.....	852	124	976
December.....	855	116	971

\*See note on following page.



**INDUSTRIES AND NUMBER OF ESTABLISHMENTS INCLUDED IN TABLE  
No. 90, "ALL OTHER INDUSTRIES."  
Los Angeles.**

Agricultural implements .....	1	Liquors, vinous .....	1
Babbitt metal and solder.....	1	Millinery .....	2
Beehives and supplies.....	3	Musical instruments .....	1
Belting, canvas .....	1	Paper and paper goods (n. e. s.).....	2
Butter, cheese and condensed milk .....	2	Patent medicines, com- pounds and druggists' preparations .....	1
Cans, tin .....	1	Patterns, wood .....	2
Cement products .....	2	Pennants and novelties.....	1
Cooperage and wooden goods (n. e. s.).....	2	Petroleum refining .....	2
Display fixtures .....	1	Rag carpets and weaving.....	1
Electroplating .....	2	Registers and computing machines .....	1
Fireworks .....	1	Soap, washing powders, etc.....	2
Gloves, leather .....	1	Surgical appliances and hos- pital supplies .....	3
Glue and tallow.....	2	Theatrical scenery .....	1
Iron and steel forgings, bolts and nuts.....	1	Vending machines .....	1
Knit goods .....	2		
Leather dressings, oils, etc....	1		
Laboratory supplies .....	1		







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